

A Universidade do Porto no ShanghaiRanking's Global Ranking of Academic Subjects (GRAS) 2023

Universidade do Porto. Reitoria.
Núcleo de Planeamento
2 de novembro de 2023

Sumário

1. Metodologia do ShanghaiRanking's Global Ranking of Academic Subjects 2023	3
2. Evolução da Universidade do Porto no ShanghaiRanking's Global Ranking of Academic Subjects	8
3. As Universidades portuguesas no ShanghaiRanking's Global Ranking of Academic Subjects 2023	16
3.1 NATURAL SCIENCES.....	16
3.1.1 Mathematics	16
3.1.2 Physics.....	17
3.1.3 Chemistry	18
3.1.4 Earth Sciences	19
3.1.5 Geography	20
3.1.6 Ecology	21
3.1.7 Oceanography.....	22
3.1.8 Atmospheric Science.....	22
3.2 ENGINEERING	23
3.2.1 Mechanical Engineering	23
3.2.2 Electrical & Electronic Engineering.....	24
3.2.3 Automation & Control	24
3.2.4 Telecommunication Engineering	25
3.2.5 Instruments Science & Technology	25
3.2.6 Biomedical Engineering.....	26
3.2.7 Computer Science & Engineering	27
3.2.8 Civil Engineering	28
3.2.9 Chemical Engineering	29
3.2.10 Materials Science & Engineering	30
3.2.11 Nanoscience & Nanotechnology	31
3.2.12 Energy Science & Engineering.....	31
3.2.13 Environmental Science & Engineering	32

3.2.14 Water Resources.....	33
3.2.15 Food Science & Technology	33
3.2.16 Biotechnology.....	34
3.2.17 Aerospace Engineering	34
3.2.18 Marine/Ocean Engineering.....	35
3.2.19 Transportation Science & Technology.....	35
3.2.20 Remote Sensing.....	35
3.2.21 Mining & Mineral Engineering	35
3.2.22 Metallurgical Engineering	35
3.2.23 Textile Science & Engineering	35
3.3 LIFE SCIENCES.....	36
3.3.1 Biological Sciences	36
3.3.2 Human Biological Sciences.....	37
3.3.3 Agricultural Sciences.....	38
3.3.4 Veterinary Sciences	39
3.4 MEDICAL SCIENCES	40
3.4.1 Clinical Medicine	40
3.4.2 Public Health	41
3.4.3 Dentistry & Oral Sciences	42
3.4.4 Nursing.....	43
3.4.5 Medical Technology	43
3.4.6 Pharmacy & Pharmaceutical Sciences.....	44
3.5 SOCIAL SCIENCES	45
3.5.1 Economics.....	45
3.5.2 Statistics.....	45
3.5.3 Law.....	46
3.5.4 Political Sciences	47
3.5.5 Sociology.....	47
3.5.6 Education	48
3.5.7 Communication	49
3.5.8 Psychology	49
3.5.9 Business Administration	50
3.5.10 Finance	50
3.5.11 Management	51
3.5.12 Public Administration.....	51
3.5.13 Hospitality & Tourism Management.....	52
3.5.14 Library & Information Science	52
3.6 RESUMO.....	53
4. Anexos	54
4.1 Mapping between Web of Science categories and 55 academic subjects	54
4.2 ShanghaiRanking Academic Excellence Survey 2023 Top Journals, Awards & Conferences	58

A Universidade do Porto no ShanghaiRanking's Global Ranking of Academic Subjects (GRAS) 2023

<https://www.shanghairanking.com/rankings/gras/2023>

1. Metodologia do ShanghaiRanking's Global Ranking of Academic Subjects 2023

"ShanghaiRanking's Global Ranking of Academic Subjects Methodology 2023

1. Ranking Subjects

In ShanghaiRanking's Global Ranking of Academic Subjects 2023, institutions are ranked in 55 subjects across Natural Sciences, Engineering, Life Sciences, Medical Sciences, and Social Sciences.

Fields	Subjects
Natural sciences	Mathematics
Natural sciences	Physics
Natural sciences	Chemistry
Natural sciences	Earth Sciences
Natural sciences	Geography
Natural sciences	Ecology
Natural sciences	Oceanography
Natural sciences	Atmospheric Science
Engineering	Mechanical Engineering
Engineering	Electrical & Electronic Engineering
Engineering	Automation & Control
Engineering	Telecommunication Engineering
Engineering	Instruments Science & Technology
Engineering	Biomedical Engineering
Engineering	Computer Science & Engineering
Engineering	Civil Engineering
Engineering	Chemical Engineering
Engineering	Materials Science & Engineering
Engineering	Nanoscience & Nanotechnology
Engineering	Energy Science & Engineering
Engineering	Environmental Science & Engineering
Engineering	Water Resources
Engineering	Food Science & Technology
Engineering	Biotechnology
Engineering	Aerospace Engineering
Engineering	Marine/Ocean Engineering
Engineering	Transportation Science & Technology
Engineering	Remote Sensing
Engineering	Mining & Mineral Engineering
Engineering	Metallurgical Engineering
Engineering	Textile Science & Engineering

Fields	Subjects
Life Sciences	Biological Sciences
Life Sciences	Human Biological Sciences
Life Sciences	Agricultural Sciences
Life Sciences	Veterinary Sciences
Medical Sciences	Clinical Medicine
Medical Sciences	Public Health
Medical Sciences	Dentistry & Oral Sciences
Medical Sciences	Nursing
Medical Sciences	Medical Technology
Medical Sciences	Pharmacy & Pharmaceutical Sciences
Social Sciences	Economics
Social Sciences	Statistics
Social Sciences	Law
Social Sciences	Political Sciences
Social Sciences	Sociology
Social Sciences	Education
Social Sciences	Communication
Social Sciences	Psychology
Social Sciences	Business Administration
Social Sciences	Finance
Social Sciences	Management
Social Sciences	Public administration
Social Sciences	Hospitality & Tourism Management
Social Sciences	Library & Information Sciences

2.Candidate Universities

The Global Ranking of Academic Subjects has scrutinised the universities that have published a certain number of publications during the period of 2018-2022. The publication threshold is set differently for different subjects. Bibliometric data are collected from Web of Science and InCites.

2023 ShanghaiRanking's Global Ranking of Academic Subjects Selection of Universities

Fields	Subjects	Publication threshold	Listed Universities
Natural sciences	Mathematics	100	500
	Physics	300	500
	Chemistry	200	500
	Earth Sciences	100	500
	Geography	100	300
	Ecology	100	500
	Oceanography	50	200
	Atmospheric Science	50	400
Engineering	Mechanical Engineering	100	400
	Electrical & Electronic Engineering	150	500
	Automation & Control	100	200
	Telecommunication Engineering	100	300
	Instruments Science & Technology	100	300
	Biomedical Engineering	100	300
	Computer Science & Engineering	150	500
	Civil Engineering	100	300
	Chemical Engineering	100	500
	Materials Science & Engineering	200	500
	Nanoscience & Nanotechnology	150	400
	Energy Science & Engineering	200	400
	Environmental Science & Engineering	200	500
	Water Resources	100	200
	Food Science & Technology	100	300
	Biotechnology	100	500
	Aerospace Engineering	50	50
	Marine/Ocean Engineering	50	50
	Transportation Science & Technology	50	200
	Remote Sensing	50	100
	Mining & Mineral Engineering	25	100
	Metallurgical Engineering	100	200
	Textile Science & Engineering	50	50
Life Sciences	Biological Sciences	200	500
	Human Biological Sciences	100	500
	Agricultural Sciences	100	500
	Veterinary Sciences	50	300
Medical Sciences	Clinical Medicine	300	500
	Public Health	200	500
	Dentistry & Oral Sciences	50	300
	Nursing	50	300
	Medical Technology	100	400
	Pharmacy & Pharmaceutical Sciences	100	500
Social Sciences	Economics	50	500
	Statistics	100	200
	Law	50	300
	Political Sciences	50	400
	Sociology	50	200
	Education	50	500
	Communication	25	300
	Psychology	100	500
	Business Administration	50	400
	Finance	50	200
	Management	50	500
	Public administration	25	200
	Hospitality & Tourism Management	25	300
	Library & Information Sciences	50	100

Web of Science categories are mapped to 55 academic subjects.

[...] [Ver Anexo 4.1 Mapping between Web of Science categories and 55 academic subjects](#)

3.Scoring

The Rankings use a range of objective academic indicators and third-party data to measure the performance of world universities in relevant subjects, including research output (Q1), research influence (CNCI), international collaboration (IC), research quality (Top), and international academic awards (Award). The indexes of Top journals and international academic awards are based on Academic Excellence Survey (AES) conducted by ShanghaiRanking.

For each indicator, institutions are calculated as a percentage of the top-scored institution, then the square root of the percentage is multiplied by the allocated weight. The final score is obtained by adding the score of each indicator, and universities are ranked in descending order.

In calculating the CNCI score, the maximum value of CNCI in a subject is set as the lower value of: (1) either twice of the average CNCI for all institutions in this subject; (2) or the maximum of the CNCI for all institutions in this subject. The CNCI score of the institution is calculated as the proportion of their CNCI to the maximum value. If an institution's CNCI is higher than the maximum value, its CNCI score is assigned as 100..

4.Definition of Indicators

Indicators	Definition
Q1	The number of influential journal publications is an important measure of the research output of the universities in the corresponding subject. Q1 is the number of papers published by an institution in an Academic Subject in journals with Q1 Journal Impact Factor Quartile during the period of 2018-2021. Only 'Article' is considered. Data are collected from Web of Science and InCites. Publications in different Web of Science categories are grouped into relevant Academic Subjects [Ver Anexo 4.1 Mapping between Web of Science categories and 55 academic subjects]
CNCI	Category Normalized Citation Impact (CNCI) is the ratio of citations of papers published to the average citations of papers in the same category, the same year and same type of journal publication, by an institution in an Academic Subject during the period of 2018-2022. A CNCI value of 1 represents world-average performance. CNCI less than 1 indicates that the citation times of this group publications are lower than the average level, while CNCI greater than 1 indicates that the paper's citation performance is above the average level. Only 'Article' is considered. Data are collected from InCites database.
IC	International collaboration (IC) is an indicator used to evaluate the level of international collaboration in the respective subject between institutions. The ratio of the number of publications that have been found with at least two different countries in addresses of the authors to the total number of publications in the respective subject for an institution during the period of 2018-2021 Only 'Article' is considered. Data are collected from InCites database..
TOP	Top is the number of papers published in Top Journals or Top Conferences in an Academic Subject for an institution during the period of 2018-2022. Top Journals or Top Conferences are nominated by distinguished scholars through ShanghaiRanking's Academic Excellence Survey . In 2023, 121 top journals identified by the Survey are used in rankings of 43 Academic Subjects. In Computer Science & Engineering, 31 selected top conferences are also taken into account this year. For the remaining 11 Academic Subjects, those Q1 journals in an Academic Subject and mainly belong to that Academic Subject are used as substitutes. Only 'Article' is considered for this indicator. But in the subject of Pharmacy & Pharmaceutical Sciences, both 'Article' and 'Review' are counted because only one journal in this subject was selected as the Top journal and it mainly publishes reviews. [Ver Anexo 4.2 ShanghaiRanking Academic Excellence Survey 2023 Top Journals, Awards & Conferences]
AWARD	Award refers to the total number of the staff of an institution winning a significant award in an Academic Subject since 1991. Staff is defined as those who work full-time at an institution at the time of winning the prize. If a researcher retired at the time of winning the award, we count the institution where the researcher's last full-time academic position was held. The significant awards in each subject are nominated through ShanghaiRanking's Academic Excellence Survey. 36 prestigious international academic awards across 29 subjects were identified by the Survey. If a winner is affiliated with more than one institution at the time of winning the award, each institution is assigned the reciprocal of the number of institutions. If the award is awarded to more than one winner in one year, weights are set for winners according to their proportion of the prize. Different weights are set according to the periods of winning the prizes, diminishing by 25% each retrograde decade. The weight is 100% for winners in 2021-2022, 75% for winners in 2010-2020, 50% for winners in 2000-2010, and 25% for winners in 1991-2000. Nobel Prize in Physiology or Medicine is selected for Biological Sciences, Human Biological Sciences, Clinical Medicine and Pharmacy & Pharmaceutical Sciences. Winners of this award are assigned to one or more subjects according to the topics of their recognized contributions. If a contribution belongs to more than one subject, the winner will be counted once for each relevant subject. [Ver Anexo 4.2 ShanghaiRanking Academic Excellence Survey 2023 Top Journals, Awards & Conferences]

5.Data Sources

Indicator	Sources
Q1	InCites database https://incites.clarivate.com/#/analytics
CNCI	InCites database https://incites.clarivate.com/#/analytics
IC	InCites database https://incites.clarivate.com/#/analytics
Top	InCites database https://incites.clarivate.com/#/analytics
Award	<p>Fields Medal http://www.mathunion.org/general/prizes/fields/details/</p> <p>The Abel Prize http://www.abelprize.no/</p> <p>Nobel Prize in Physics https://www.nobelprize.org/prizes/physics/</p> <p>Wolf Prize in Chemistry https://wolffund.org.il/home-page/</p> <p>Nobel Prize in Chemistry https://www.nobelprize.org/prizes/chemistry/</p> <p>Priestley Medal http://www.acs.org/content/acs/en/funding-and-awards/awards/national/bytopic/priestley-medal.html</p> <p>Crafoord Prize in Geosciences https://www.crafoordprize.se/geosciences</p> <p>The Carl-Gustaf Rossby Research Medal https://www.ametsoc.org/index.cfm/ams/about-ams/ams-awards-honors/awards/science-and-technology-medals/the-carl-gustaf-rossby-research-medal/</p> <p>The Jule G. Charney Award https://www.ametsoc.org/index.cfm/ams/about-ams/ams-awards-honors/awards/science-and-technology-medals/the-jule-g-charney-medal/</p> <p>ASME Medal https://www.asme.org/about-asme/get-involved/honors-awards/achievement-awards/asme-medal</p> <p>Timoshenko Medal https://www.asme.org/about-asme/get-involved/honors-awards/achievement-awards/timoshenko-medal</p> <p>IEEE Medal of Honor http://www.ieee.org/about/awards/medals/medalofhonor.html</p> <p>IEEE Control Systems Award https://www.ieee.org/about/awards/tfas/controlsys.html</p> <p>Claude E. Shannon Award https://www.itsoc.org/honors/clause-e-shannon-award</p> <p>Marconi Prize https://www.marconisociety.org/marconi-prize/</p> <p>A.M. Turing Award http://amturing.acm.org/</p> <p>International Award of Merit in Structural Engineering https://iabse.org/About/Awards/Award-of-Merit</p> <p>Andreas Acrivos Award for Professional Progress in Chemical Engineering https://www.aiche.org/community/awards/andreas-acrivos-award-professional-progress-chemical-engineering</p> <p>MRS Medal Award https://mrs.org/careers-advancement/awards/fall-awards/mrs-medal</p> <p>Von Hippel Award https://www.mrs.org/careers-advancement/awards/fall-awards/von-hippel-award</p> <p>Global Energy Prize https://globalenergyprize.org/en/</p> <p>Stockholm Water Prize http://www.siwi.org/prizes/stockholmwaterprize/</p> <p>Robert E. Horton Medal https://honors.agu.org/medals-awards/robert-e-horton-award/</p> <p>EGU John Dalton Medal https://www.egu.eu/awards-medals/john-dalton/</p> <p>ASME-OOAE Lifetime Achievement Award https://www.asme.org/about-asme/honors-awards/unit-awards</p> <p>Nobel Prize in Physiology or Medicine https://www.nobelprize.org/prizes/medicine/</p> <p>Lasker-DeBakey Clinical Medical Research Award http://www.laskerfoundation.org/awards/#name=&award=Clinical&year=</p> <p>IADR Distinguished Scientist Award http://www.iadr.org/IADR/Awards/Grants-Awards/Distinguished-Scientist</p> <p>Nurse Researcher Hall of Fame https://www.sigmanursing.org/advance-elevate/awards/nurse-researcher-awards</p> <p>ISMRR Gold Medal https://www.ismrrm.org/20m/gold-medal/</p> <p>IEEE Biomedical Engineering Award https://corporate-awards.ieee.org/award/ieee-biomedical-field-engineering-award/</p> <p>The Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel https://www.nobelprize.org/prizes/economic-sciences/</p> <p>COPSS Presidents' Award https://community.amstat.org/copss/awards/presidents</p> <p>The Johan Skytte Prize in Political Science http://www.skytteprize.com/</p> <p>Ulysses Prize https://www.unwto.org/unwto-ulysses-prize-excellence-creation-and-dissemination-knowledge</p> <p>ASIST Award of Merit https://www.asist.org/programs-services/awards-honors/award-of-merit/</p>

6. Indicators and Weights

Different weights are allocated to the indicators for different subjects, as listed below.

Fields	Subjects	Q1	CNCI	IC	Top	Award
Natural sciences	Mathematics	100	20	20	100	100
	Physics	100	100	20	100	100
	Chemistry	100	100	20	100	100
	Earth Sciences	100	100	20	100	100
	Geography	100	100	20	100	0
	Ecology	100	100	20	100	0
	Oceanography	100	100	20	100	0
	Atmospheric Science	100	100	20	100	100
Engineering	Mechanical Engineering	100	100	20	100	100
	Electrical & Electronic Engineering	100	100	20	100	100
	Automation & Control	100	100	20	100	100
	Telecommunication Engineering	100	100	20	100	100
	Instruments Science & Technology	100	100	20	100	0
	Biomedical Engineering	100	100	20	100	0
	Computer Science & Engineering	100	100	20	100	100
	Civil Engineering	100	100	20	100	100
	Chemical Engineering	100	100	20	100	100
	Materials Science & Engineering	100	100	20	100	100
	Nanoscience & Nanotechnology	100	100	20	100	0
	Energy Science & Engineering	100	100	20	100	20
	Environmental Science & Engineering	100	100	20	100	100
	Water Resources	100	100	20	100	20
	Food Science & Technology	100	100	20	100	0
	Biotechnology	100	100	20	100	0
	Aerospace Engineering	100	100	20	100	0
	Marine/Ocean Engineering	100	100	20	100	20
	Transportation Science & Technology	100	100	20	100	0
	Remote Sensing	100	100	20	100	0
	Mining & Mineral Engineering	100	100	20	100	0
	Metallurgical Engineering	100	100	20	100	0
	Textile Science & Engineering	100	100	20	100	0
Life Sciences	Biological Sciences	100	100	20	100	100
	Human Biological Sciences	100	100	20	100	100
	Agricultural Sciences	100	100	20	100	0
	Veterinary Sciences	100	50	20	100	0
Medical Sciences	Clinical Medicine	100	100	20	100	100
	Public Health	100	100	20	100	0
	Dentistry & Oral Sciences	100	100	20	100	100
	Nursing	100	100	20	100	20
	Medical Technology	100	100	20	100	20
	Pharmacy & Pharmaceutical Sciences	100	100	20	100	20
Social Sciences	Economics	150	50	10	100	100
	Statistics	150	50	10	100	100
	Law	150	50	10	100	0
	Political Sciences	150	50	10	100	20
	Sociology	150	50	10	100	0
	Education	150	50	10	100	0
	Communication	150	50	10	100	0
	Psychology	150	50	10	100	0
	Business Administration	150	50	10	100	0
	Finance	150	50	10	100	0
	Management	150	50	10	100	0
	Public administration	150	50	10	100	0
	Hospitality & Tourism Management	150	50	10	100	20
	Library & Information Sciences	150	50	10	100	20

7. Top Journals list

Ver Anexo [4.2 ShanghaiRanking Academic Excellence Survey 2023 Top Journals, Awards & Conferences](#) “ 1

1 In <https://www.shanghairanking.com/methodology/gras/2023>, acedido 27 de outubro de 2023.

2. Evolução² da Universidade do Porto no ShanghaiRanking's Global Ranking of Academic Subjects

Evolução das posições

		2017	2018	2019	2020	2021	2022				2023			
		World rank	Euro rank	IbAm rank	PT rank	World rank	Euro rank	IbAm rank	PT rank					
NATURAL SCIENCES	Mathematics	401-500	n/c	n/c	n/c	301-400	201-300	92-131	15-20	2	201-300	90-123	11-18	1-2
	Physics	401-500	401-500	401-500	401-500	401-500	401-500	185-215	30-41	3-5	n/c			
	Chemistry	201-300	301-400	301-400	401-500	401-500	401-500	141-176	15-22	3	n/c			
	Earth Sciences	n/c	n/c	401-500	n/c	n/c	n/c				n/c			
	Geography	n/c	n/c	201-300	201-300	201-300	201-300	107-145	4-13	2	201-300	100-138	5-10	2-3
	Ecology	101-150	101-150	101-150	101-150	151-200	151-200	79-102	5-8	1	101-150	52-77	3-6	1-2
	Oceanography (novo 2018)		151-200	151-200	151-200	151-200	n/c				n/c			
	Atmospheric Science (novo 2018)		301-400	301-400	n/c	301-400	301-400	127-159	19-28	2-4	301-400	118-154	14-24	2-3
ENGINEERING	Mechanical Engineering	151-200	151-200	201-300	201-300	201-300	201-300	66-100	4-12	2	151-200	30-49	1-3	1-3
	Electrical & Electronic Engineering	201-300	301-400	301-400	301-400	301-400	301-400	83-122	9-18	2-5	301-400	95-123	11-18	2-4
	Automation & Control	n/c	101-150	151-200	151-200	n/c	n/c				n/c			
	Telecommunication Engineering	n/c	n/c	n/c	n/c	n/c	n/c				n/c			
	Instruments Science & Technology	151-200	151-200	201-300	201-300	151-200	151-200	28-47	7-12	1-2	201-300	32-61	6-11	1-3
	Biomedical Engineering	151-200	101-150	76-100	76-100	76-100	101-150	20-45	1-2	1	151-200	32-54	3-4	1
	Computer Science & Engineering	101-150	401-500	301-400	301-400	401-500	401-500	110-151	11-23	2-4	n/c			
	Civil Engineering	201-300	101-150	101-150	101-150	151-200	151-200	36-54	6-7	4-5	76-100	16-23	3-5	2-3
	Chemical Engineering	29	41	51-75	76-100	76-100	101-150	12-25	1-4	1-3	151-200	16-25	1-2	1-2
	Materials Science & Engineering	201-300	201-300	301-400	401-500	n/c	401-500	110-147	9-15	3-5	n/c			
	Nanoscience & Nanotechnology	n/c	301-400	301-400	n/c	n/c	n/c				n/c			

2 Edições de 2017 a 2020, retirado de <http://www.shanghairanking.com/Shanghairanking-Subject-Rankings/index.html> em 3 e 4 de julho de 2017, GRAS 2017; de 17 a 19 de julho de 2018, GRAS 2018; de 26 de junho a 4 de julho de 2019, GRAS 2019 e 29 e 30 de junho de 2020, GRAS 2020. Edição de 2021, retirado de <http://shanghairanking.com/rankings/gras/2021> de 26 a 27 de maio de 2021. Edição de 2022, retirado de <https://www.shanghairanking.com/rankings/gras/2022>, em 19, 21 e 22 de julho de 2022. Edição de 2023, retirado de <https://www.shanghairanking.com/rankings/gras/2023> em 27 e 30 de outubro de 2023.

		2017	2018	2019	2020	2021	2022				2023			
		World rank	Euro rank	IbAm rank	PT rank	World rank	Euro rank	IbAm rank	PT rank					
ENGINEERING	Energy Science & Engineering	201-300	201-300	201-300	201-300	201-300	201-300	44-78	3-9	2-3	301-400	63-91	4-11	1-2
	Environmental Science & Engineering	151-200	151-200	151-200	201-300	201-300	201-300	61-97	5-8	2-3	201-300	54-89	3-6	1-3
	Water Resources	151-200	n/c	n/c	n/c	n/c	n/c				n/c			
	Food Science & Technology	11	12	11	15	15	15	2	2	1	29	5	3	1
	Biotechnology	201-300	151-200	201-300	151-200	151-200	151-200	49-71	5-6	1	151-200	37-56	4-6	1
	Aerospace Engineering	n/c	n/c	n/c	n/c	n/c	n/c				n/c			
	Marine/Ocean Engineering	n/c	n/c	n/c	n/c	n/c	n/c				n/c			
	Transportation Science & Technology	n/c	151-200	151-200	151-200	n/c	n/c				n/c			
	Remote Sensing	n/c	n/c	n/c	n/c	n/c	n/c				n/c			
	Mining & Mineral Engineering	n/c	n/c	n/c	n/c	n/c	n/c				n/c			
LIFE SCIENCES	Metallurgical Engineering	n/c	n/c	n/c	n/c	n/c	n/c				n/c			
	Textile Science & Engineering (novo2023)										n/c			
	Biological Sciences	201-300	151-200	201-300	301-400	201-300	201-300	93-140	5-8	1-2	201-300	88-138	5-9	1-2
	Human Biological Sciences	201-300	201-300	201-300	301-400	301-400	301-400	153-185	10-16	2-3	201-300	101-148	5-10	1-2
MEDICAL SCIENCES	Agricultural Sciences	151-200	151-200	101-150	101-150	101-150	101-150	39-59	9-13	2	101-150	32-54	7-10	2
	Veterinary Sciences	51-75	51-75	51-75	51-75	76-100	76-100	37-50	7-13	1-2	101-150	44-63	10-17	2
	Clinical Medicine	301-400	301-400	201-300	201-300	151-200	151-200	73-92	4-6	1	151-200	77-94	4-5	1
	Public Health	151-200	151-200	101-150	101-150	101-150	101-150	43-63	5-9	1	101-150	41-59	4-6	1
	Dentistry & Oral Sciences	n/c	201-300	201-300	201-300	201-300	201-300	87-121	19-39	1-2	201-300	84-116	14-37	1-3
	Nursing	n/c	n/c	n/c	201-300	201-300	201-300	76-106	5-9	1-2	201-300	78-107	11-15	1
	Medical Technology	n/c	n/c	n/c	201-300	201-300	201-300	103-147	4-9	1-3	301-400	155-182	9-12	2-3
	Pharmacy & Pharmaceutical Sciences	76-100	51-75	101-150	101-150	101-150	101-150	48-73	2-7	2-3	101-150	50-64	5-6	3

		2017	2018	2019	2020	2021	2022				2023			
		World rank	Euro rank	IbAm rank	PT rank	World rank	Euro rank	IbAm rank	PT rank					
SOCIAL SCIENCES	Economics	n/c	201-300	301-400	401-500	401-500	301-400	137-139	13-18	3	401-500	165-214	15-24	3-4
	Statistics	n/c	n/c	n/c	n/c	n/c	n/c				n/c			
	Law	n/c	n/c	n/c	n/c	n/c	151-200	24-43	2-3	2	151-200	27-43	1-4	1-2
	Political Sciences	n/c	n/c	n/c	n/c	n/c	n/c				n/c			
	Sociology	n/c	n/c	n/c	n/c	n/c	n/c				n/c			
	Education	n/c	301-400	301-400	401-500	401-500	401-500	134-179	19-28	3	301-400	91-135	14-21	2-3
	Communication	n/c	n/c	n/c	n/c	n/c	n/c				n/c			
	Psychology	n/c	401-500	401-500	n/c	n/c	n/c				401-500	175-219	15-25	3-4
	Business Administration	n/c	n/c	n/c	n/c	n/c	n/c				n/c			
	Finance	n/c	n/c	n/c	n/c	n/c	n/c				n/c			
	Management	301-400	301-400	301-400	301-400	301-400	301-400	107-152	13-20	4	301-400	109-152	11-18	4-5
	Public Administration	n/c	n/c	n/c	n/c	n/c	n/c				n/c			
	Hospitality & Tourism Management	n/c	n/c	n/c	n/c	201-300	201-300	72-122	21-27	6-7	n/c			
	Library & Information Science	n/c	n/c	n/c	n/c	n/c	n/c				n/c			

n/c - não consta

Evolução dos scores

ENGINEERING	NATURAL SCIENCES	TotalScc						PUB Q1						CNCI						TOP						AWARD							
		2017	2018	2019	2020	2021	2022	2023	2017	2018	2019	2020	2021	2022	2023	2017	2018	2019	2020	2021	2022	2023	2017	2018	2019	2020	2021	2022	2023				
	Mathematics								52	35,7	39,4																						
	Physics								50,9	36,5																							
	Chemistry								28,9	49,3	37,2																						
	Earth Sciences								41,6	37,9																							
	Geography								36,4	36,4	37,5	32,9																					
	Ecology								39	37,5	32,9																						
	Oceanography (novo 2018)								36,8	37,8	34,3	2022																					
	Atmospheric Science(novo 2018)								35,8	35,8	35,8																						
Mechanical Engineering		31,5	36,9					57,3																									
Electrical & Electronic Engineering		32	36,4	19	35,6	60,1			50,9	36,5																							
Automation & Control		28,9	28,2	34,9	17,8	33,3	61,5	35	28,9	49,3	37,2																						
Telecommunication Engineering		23,2	28,3	30,7		30,8	56,3	36,5		41,6	37,9																						
		27,4	29,8	12,5		26,3	55	36,4		39	37,5	32,9																					
		27,1	28,2	11,0			55,2	39,2		36,8	37,8	34,3	2022																				
		25,7	29,9	8,9			55,2	33,4																									
		51,6	67				60,2			60,2	45	51,9																					
		41,5	62,5	56,5	53,9	62	62,7			61,5	57,7																						
		55,1	70,8	78,7	63,9	64,3	66,5	64,9	65,1		69,9	71,3																					
		57	74,2	76,7		66,9	68,1	67,6		69,1	74																						
		77,9	75,5	71,2	72,9		68,1	71,7		68,3	73,3	59,1	2021																				
		76,9	76,0	71,0			68,5	64,0		68,4	72,6	60,7	2022																				
		75,5	74,2	82,3			67,5	68,2				61,5	2023																				
		76,3	63,4				89,4			72,4	86,3	72,2	2017																				
		72	76,2	64,5	19	82,4	60,1			73,3	86,9																						
		73,5	76,6	66,6	72,1	82,7	91,7	77,6	81,1	71,6	87																						
		75,8	79,1	68,4		84,6	92,7	79,9		72,3	87,5																						
		80,6	70,9	85,5	86,5		92,6	81,5		73,9	87,9	75,7	2021																				
		81,1	73,0	86,1			92,8	83,7		74,6	87,3	75,7	2022																				
		83,5	75,3	79,8			92,8	91				77,3	2023																				
		21,6	15,9				49,1			11	12,7	0	2017																				
		31,8	0	19,6	14,7	19,4	30,9			11,1	16																						
		30,8	0	10,1	7,5	20,1	31,6	21,3	5,8	11,2	17,1																						
		29,5	0	11,3	n/a	n/a	30,2	17,1		11,5	17,9																						
		0	14,7	4,8	n/a	26,7	20,6			11,8	18,2	16,2	2021																				
		0,0	15,0	5,7			14,9	19,7		12,0	14,3	16,2	2022																				
		0	20,6	5,9			34,1	0				14,9	2023																				
		0	0	0	n/a	n/a	n/a	n/a	0	0	0	0	2017																				
		0	0	0	n/a	n/a	n/a	n/a	0	0	0	0	2018																				
		0	0	0	0	0	0	0	0	0	0	0	2019																				
		0	0	0	0	0	0	0	0	0	0	0	2020																				
		0,0	0,0	0,0	0,0	0,0	NA	NA	0,0	0,0	0,0	0,0	0,0	2021																			
		0	0	0	0	0	NA	NA	0	0	0	0	0	2022																			
		0	0	0	0	0	NA	NA	0	0	0	0	0	2023																			

ENGINEERING			Total	Scc	PUB	Q1	CNCI	IC	TOP	AWARD
			2017	2018	2019	2020	2021	2022	2023	
			239	196,2						
			231,3	174,6						
			226,1							
			220,8							
			213							
Instruments Science & Technology			200,5							
			173,6							
			46	69,2	39,7	67,6	34,7	38,9	63,9	46,8
			48	67,7	66	34,1	29,5	38,5	59,1	44,6
			48,8	64,6	62,2	33,1	28,6	37,1	53,3	41,8
			38,4	67,9	52,9	33,6	32,2	43,4	41,6	31,3
			37,6	62,6	50	30,9		40,3	36,7	29,5
			40,4	57,8	47,2	32,2		30,0	38,7	34,5
			37,3	45	44,5	28,1			33,6	31,7
			42,2	77	62,8	62,9	65,5	65	61,5	42,4
Biomedical Engineering			44	74,3	64,6	63,1	62,3	65,4	56,1	39,9
			63,8	74,7	66,4	69	63,9	74,1	73,1	72,4
			67,8	71,5	66,4	62,2	71,3	72,1	69,8	66,5
			69,9	74,1	69,7	62,6			71,3	47,9
			69,5	74,3	68,9	64,3				64,2
			67	70	66,8	64,7			61,8	61,6
			70,8	60,1	65,6	67,3	79,5	72	73,1	64,8
			70,8	63,7	67,8	80,3	82,1	72,3	73,3	57,6
			72,7	67	68	76,9	80,6	73,8	72,3	57,7
			76,2	67,3	70,9	78,9	72,7	73	61,3	72,2
Computer Science & Engineering			77,6	68,2	73,2	78,4			66,8	64,7
			77,2	69,7	75,5	76,7	77,0	69,0	67,6	74,5
			73,8	70,6	77,9	74,9			70,9	75,1
			30,9	80,8	36,3	17,1	16,9	14	56,2	0
			31,1	76,5	15,7	16,3	10,8	13,5	44,6	21,8
			29,8	73,4	15	18,8	11,3	7,4	43,9	19,8
			n/a	n/a	15,6	20,4			41,2	19,8
			n/a	n/a	14,6	18			39,1	17,5
			NA	54,4	11,5	16,3	5,9		38,7	15,6
			42,4	44,5	12,1	12,6			35,7	32,2
Civil Engineering			n/a	n/a	0	n/a	0	0	0	0
			n/a	n/a	0	n/a	0	0	0	0
			n/a	n/a	0	n/a	0	0	0	0
			n/a	n/a	0	n/a	0	0	0	0
			n/a	n/a	0	n/a	0	0	0	0
			n/a	n/a	0	n/a	0	0	0	0
			NA	NA	0,0	0,0	0,0	0,0	0,0	0,0
			NA	NA	0	0	0	0	0	0
			NA	NA	0	0	0	0	NA	NA
			NA	NA	0	0	0	0	NA	NA

		TotalScc		PUB Q1		CNCI		IC		TOP		AWARD	
		2017	2018	2019	2020	2021	2022	2023	2017	2018	2019	2020	2021
ENGINEERING	Aerospace Engineering	31,2	39,7	27,1	40,7				2017	2018	2019	2020	2021
	Marine/Ocean Engineering	31,2	39,5	27,6	41,5	33,2			2017	2018	2019	2020	2021
	Transportation Science & Technology	32,1	39,6	27,9	41,7	31,9			2017	2018	2019	2020	2021
	Remote Sensing	42,4	36,4	20,4	31,7	27,6			2017	2018	2019	2020	2021
	Mining & Mineral Engineering	40,4	36,9	20,5	32,5				2017	2018	2019	2020	2021
	Metallurgical Engineering	42,3	34,7	20,1	33,2				2017	2018	2019	2020	2021
	Textile Science & Engineering (novo 2023)	50,4	32,5	20,4	37,2				2017	2018	2019	2020	2021
LIFE SCIENCES	Biological Science	85,3	62,2	60,8	40,5				2017	2018	2019	2020	2021
	Human Biological Sciences	83,6	62,7	60,8	44,6	62,8			2017	2018	2019	2020	2021
	Agricultural Sciences	87,9	71,5	70,2	70,2	64,9			2017	2018	2019	2020	2021
	Veterinary Sciences	87	73,6	70,4	72,4	62,9			2017	2018	2019	2020	2021

SOCIAL SCIENCES		MEDICAL SCIENCES							
		Total	Scc	PUB	Q1	CNCI	IC	TOP	AWARD
Clinical Medicine		2017	2018	2019	2020	2021	2022	2023	
	Clinical Medicine	63,5	27,8	22,2	2017				
Public Health	38,4	37,4	65,5	22,2	28	22,7	2018		
Dentistry & Oral Sciences	40,8	37,1	66,1	22,2	29,4	23,4	2019		
Nursing	28,7	21,8	58,7	12,3	25,5	21,5	2020		
Medical Technology	32,3	21,3	60,2	12,8	30,3	17,4	2021		
Pharmacy & Pharmaceutical Sciences	33,7	24,7	23,2	60,5	13,7	36,6	2022		
Economics	35,5	25,6	24,8	67,2	15	36	18,6	2023	
Statistics	50,9	41,6	61,3	56,1	53,3	64,2	2018		
Law	58,2	50,7	76	58,9	81,3	82	2019		
Political Sciences	55,8	52,7	76,2	72,4	65,1	59,3	2020		
Sociology	59,6	53,3	76,5	73,6	70,6	64,2	2021		
Education	60,3	80,3	63,6	76,7	79,3	63,9	2022		
	61,5	75,9	64,3	76,3	77,3	61,2	2023		
	57,8			71,6					
	59,3		60,3	70,9					
	63,3		61,1	70,6					
	69,2		63,8	71,1					
	68,0		62,2	82,4					
	72,2		64,3	69,5					
			72,6	83,9					
			63,7	72					
			84,1	85,5					
				72					
				0					
					23,5				
					9,1				
						2017			
	0	6,7	0		14,4	9,6	2018		
	0	6,6	0		15,4	15,6	2019		
	0	9,4	0	n/a	18,9	28,1	2020		
	0	9,6	0	0	18,9	21,6	2021		
	0,0	0,0	9,7	0,0	0,0	20,9	21,1	2022	
	0	0	0	7	0	19,6	16,9	2023	
	n/a	0	n/a			n/a	0	2017	
	n/a	0	0		0	n/a	0	2018	
	n/a	0	0	n/a	0	0	n/a	0	2019
	n/a	0	0	0	0	0	n/a	0	2020
	NA	NA	NA	0,0	0,0	0,0	0,0	0,0	2021
	NA	NA	NA	0	0	0	0	0	2022
	NA	NA	NA	0	0	0	0	0	2023

SOCIAL SCIENCES		Total	Scc	PUB	Q1	CNCI	IC	TOP	AWARD	
		2017	2018	2019	2020	2021	2022	2023	2017	2018
		40,9	44	29,7						
		44,9	44,9	31,3						
		42,4			2020					
		15,7	43,1			2021				
		15,3	40,9			2022				
		38,2		26,4		2023				
			53,3		2017					
			57,9	59	2018					
Communication			67,6	63,4	2019					
Psychology				70,2	2020					
Business Administration				67,3	2021					
Finance				69,2	2022					
Management				74,6	2023					
Public Administration										
Hospitality & Tourism Management										
Library & Information Science										

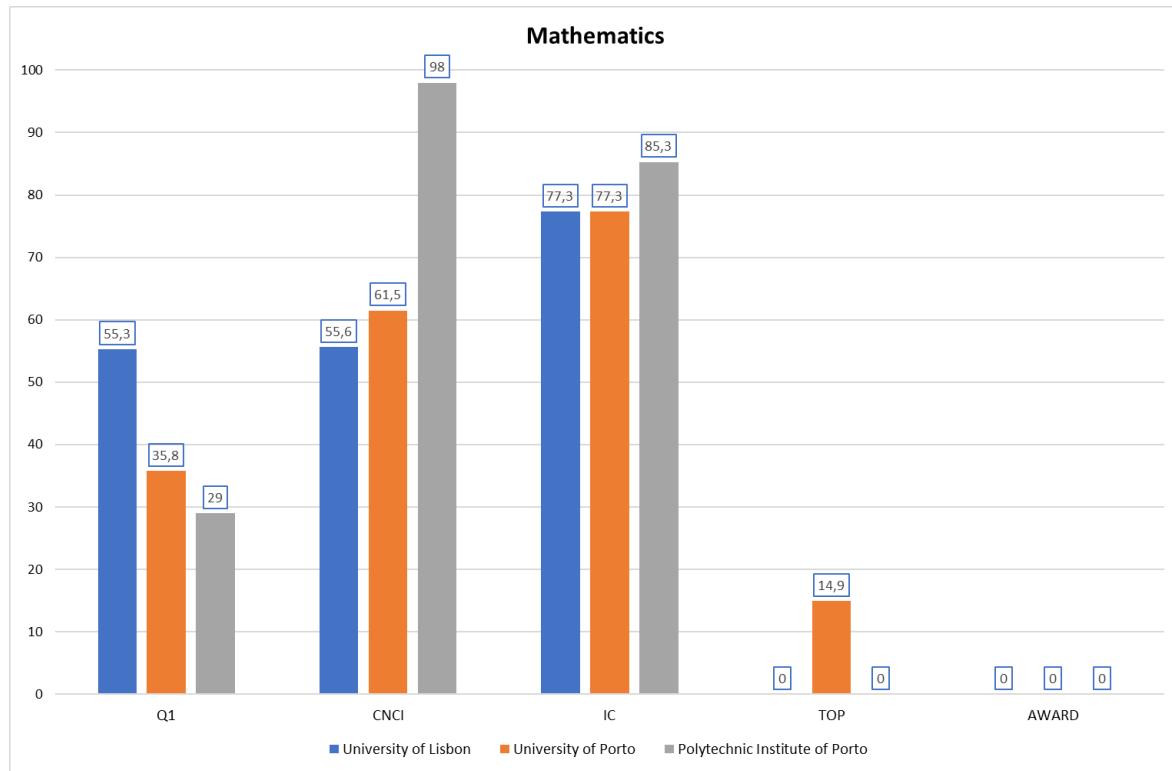
3. As Universidades portuguesas no ShanghaiRanking's Global Ranking of Academic Subjects 2023

3.1 NATURAL SCIENCES

3.1.1 Mathematics

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
201-300	151-200	151-200	201-300	201-300	151-200	76-100	1-2	University of Lisbon		55,3	55,6	77,3	0	0
201-300	201-300	301-400	n/c	n/c	n/c	401-500	1-2	University of Porto		35,8	61,5	77,3	14,9	0
401-500	n/c	n/c	n/c	n/c	n/c	n/c	3	Polytechnic Institute of Porto		29	98	85,3	0	0
n/c	401-500	401-500	301-400	301-400	301-400	201-300		University of Aveiro						
n/c	n/c	401-500	n/c	401-500	301-400	301-400		University of Coimbra						
500	500	500	500	500	500	500	3	Nº IES						

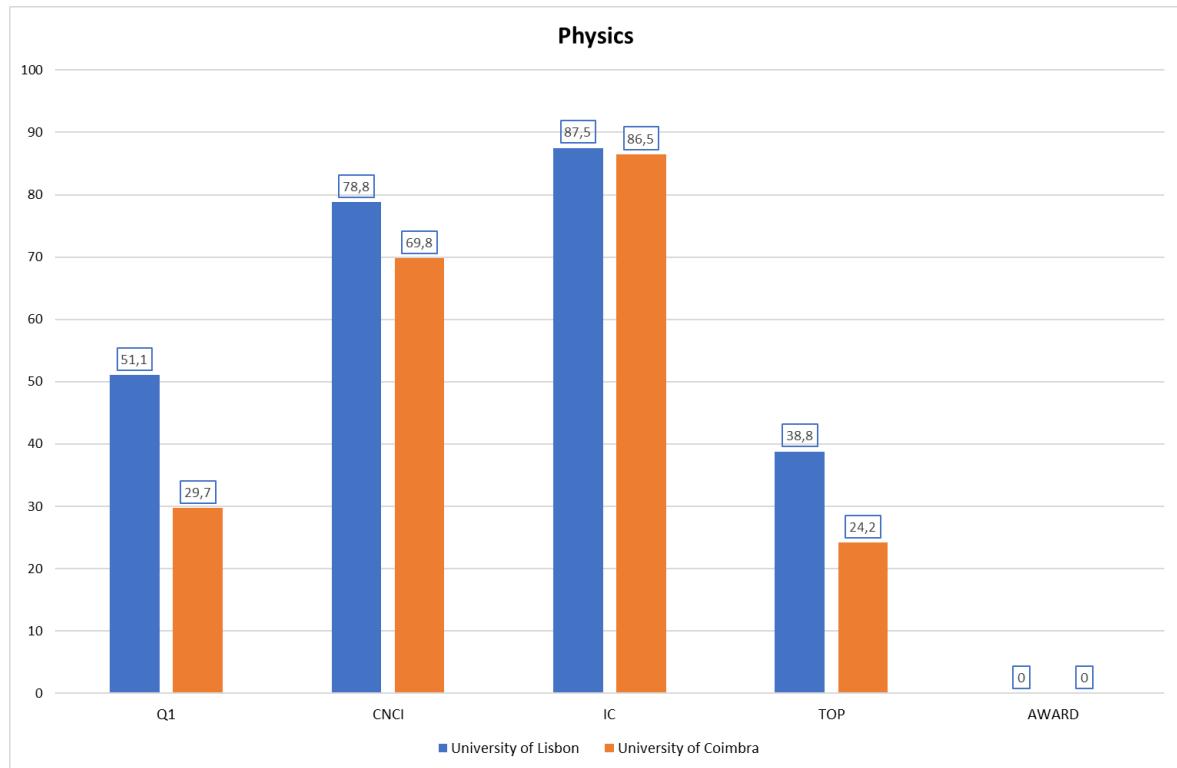
n/c - não consta



3.1.2 Physics

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
101-150	151-200	151-200	151-200	151-200	101-150	101-150	1	University of Lisbon		51,1	78,8	87,5	38,8	0
401-500	301-400	301-400	301-400	301-400	301-400	301-400	2	University of Coimbra		29,7	69,8	86,5	24,2	0
n/c	401-500	401-500	301-400	401-500	401-500	401-500		NOVA University of Lisbon						
n/c	401-500	401-500	401-500	401-500	301-400	301-400		University of Minho						
n/c	401-500	401-500	401-500	401-500	401-500	401-500		University of Porto						
500	500	500	500	500	500	500	2	Nº IES						

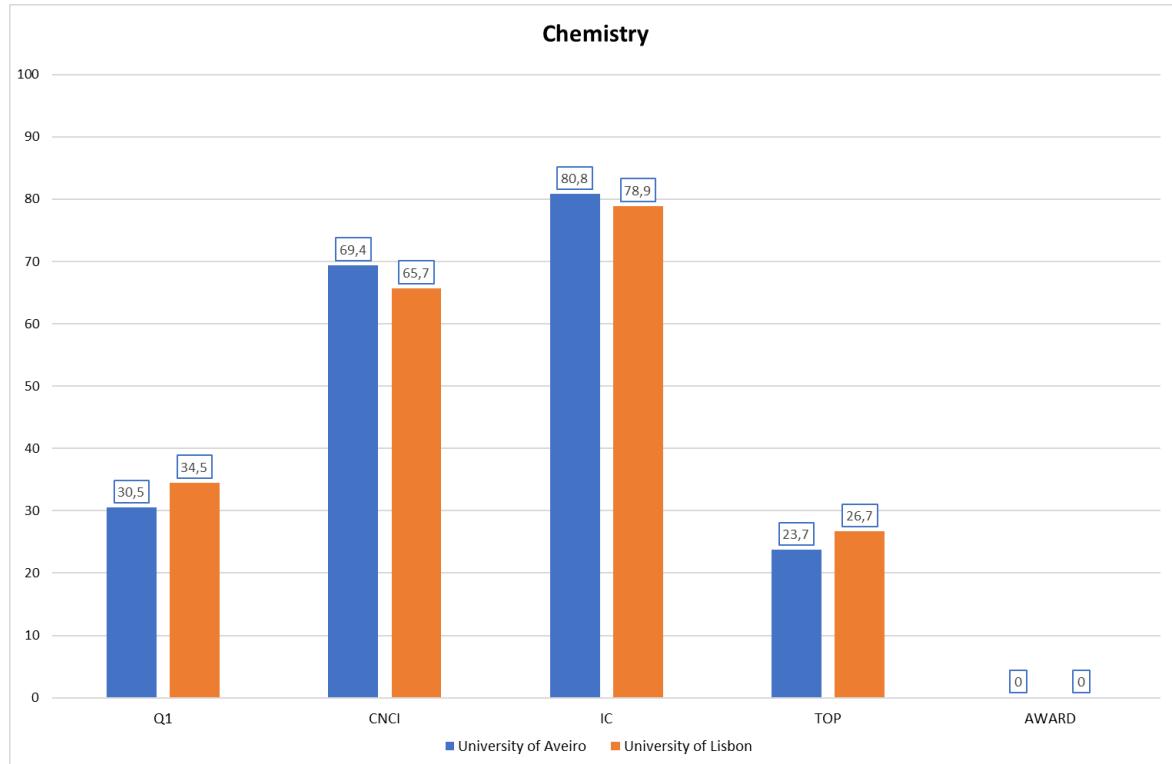
n/c - não consta



3.1.3 Chemistry

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
301-400	301-400	301-400	301-400	301-400	201-300	201-300	1-2	University of Aveiro		30,5	69,4	80,8	23,7	0
301-400	201-300	201-300	201-300	201-300	201-300	201-300	1-2	University of Lisbon		34,5	65,7	78,9	26,7	0
n/c	401-500	401-500	401-500	301-400	301-400	201-300		University of Porto						
n/c	n/c	401-500	401-500	301-400	301-400	301-400		NOVA University of Lisbon						
n/c	n/c	n/c	n/c	401-500	401-500	401-500		University of Coimbra						
n/c	n/c	n/c	n/c	n/c	401-500	401-500		University of Minho						
500	500	500	500	500	500	500	2	Nº IES						

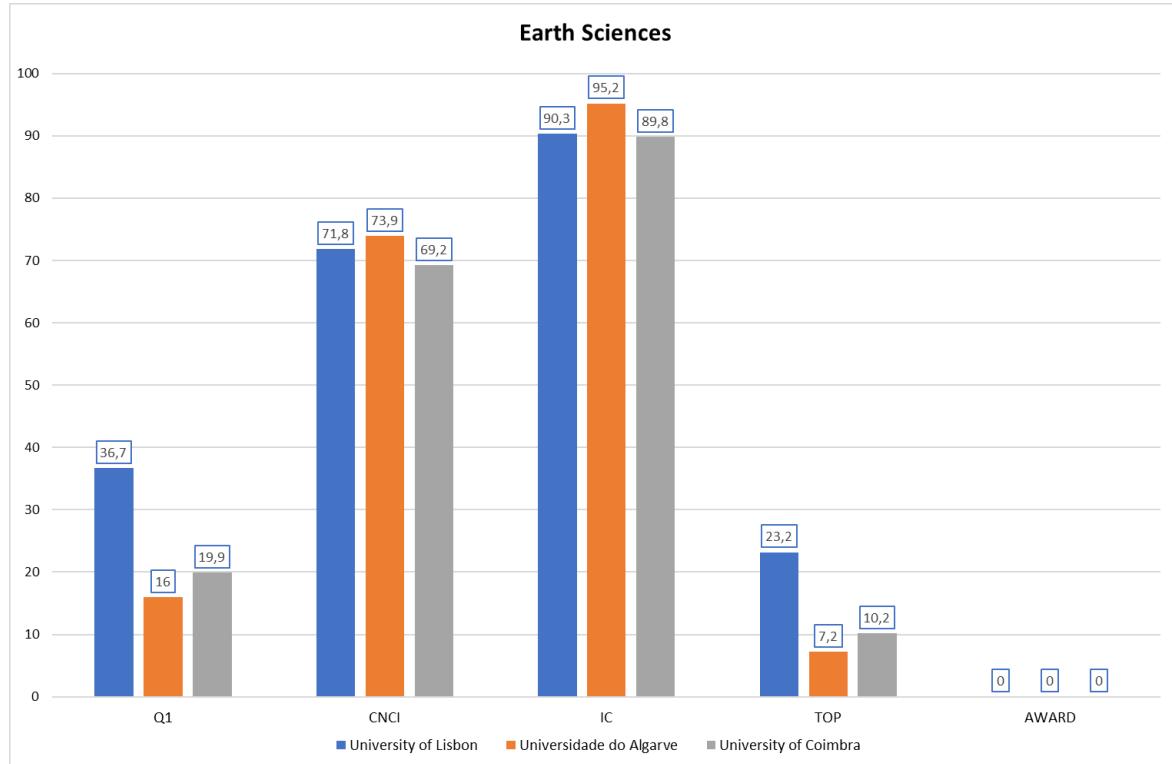
n/c - não consta



3.1.4 Earth Sciences

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
151-200	201-300	201-300	201-300	151-200	151-200	151-200	1	University of Lisbon		36.7	71.8	90.3	23.2	0
401-500	401-500	401-500	n/c	n/c	n/c	n/c	2	Universidade do Algarve		16.0	73.9	95.2	7.2	0
401-500	n/c	n/c	401-500	401-500	301-400	n/c	3	University of Coimbra		19.9	69.2	89.8	10.2	0
n/c	n/c	401-500	401-500	301-400	301-400	n/c		NOVA University of Lisbon						
n/c	n/c	401-500	401-500	401-500	n/c	n/c		University of Aveiro						
n/c	n/c	n/c	n/c	401-500	n/c	n/c		University of Porto						
500	500	500	500	500	500	300	3	Nº IES						

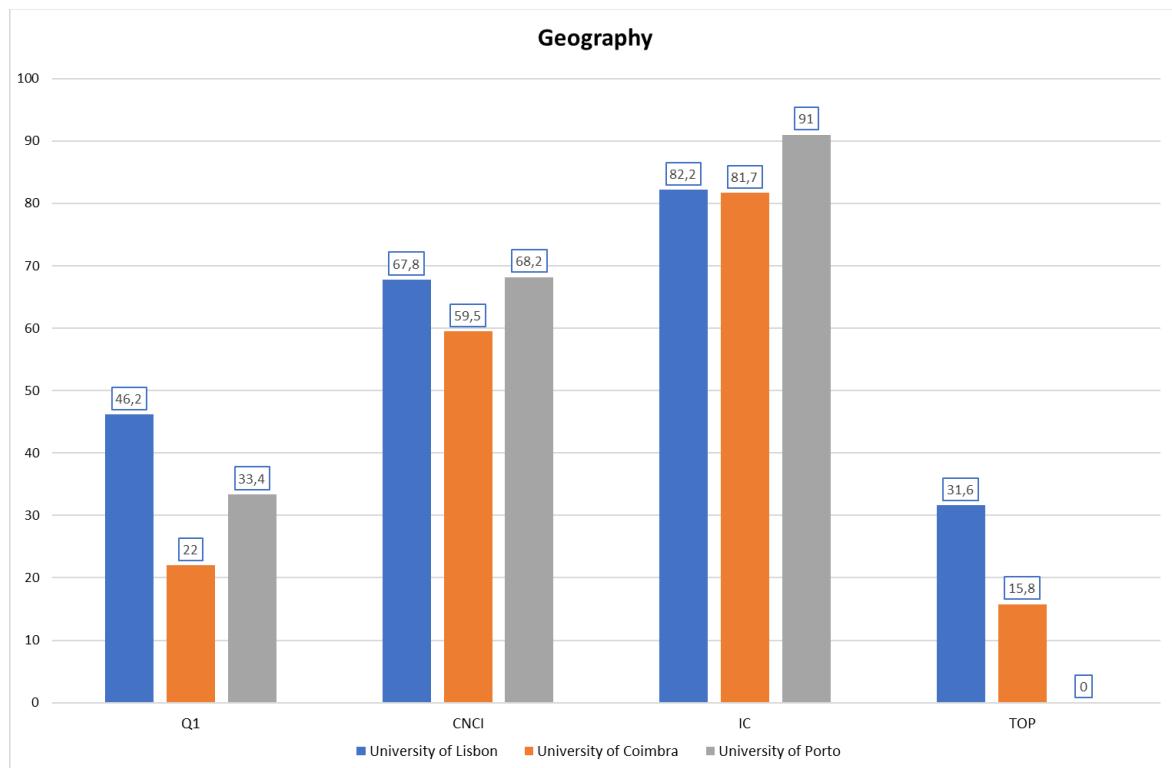
n/c - não consta



3.1.5 Geography

World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	World Rank 17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP
76-100	76-100	76-100	151-200	101-150	76-100	101-150	1	University of Lisbon		46,2	67,8	82,2	31,6
201-300	n/c	n/c	n/c	201-300	n/c	n/c	2-3	University of Coimbra		22	59,5	81,7	15,8
201-300	201-300	201-300	201-300	201-300	n/c	n/c	2-3	University of Porto		33,4	68,2	91	0
300	300	300	300	300	200	200	3	Nº IES					

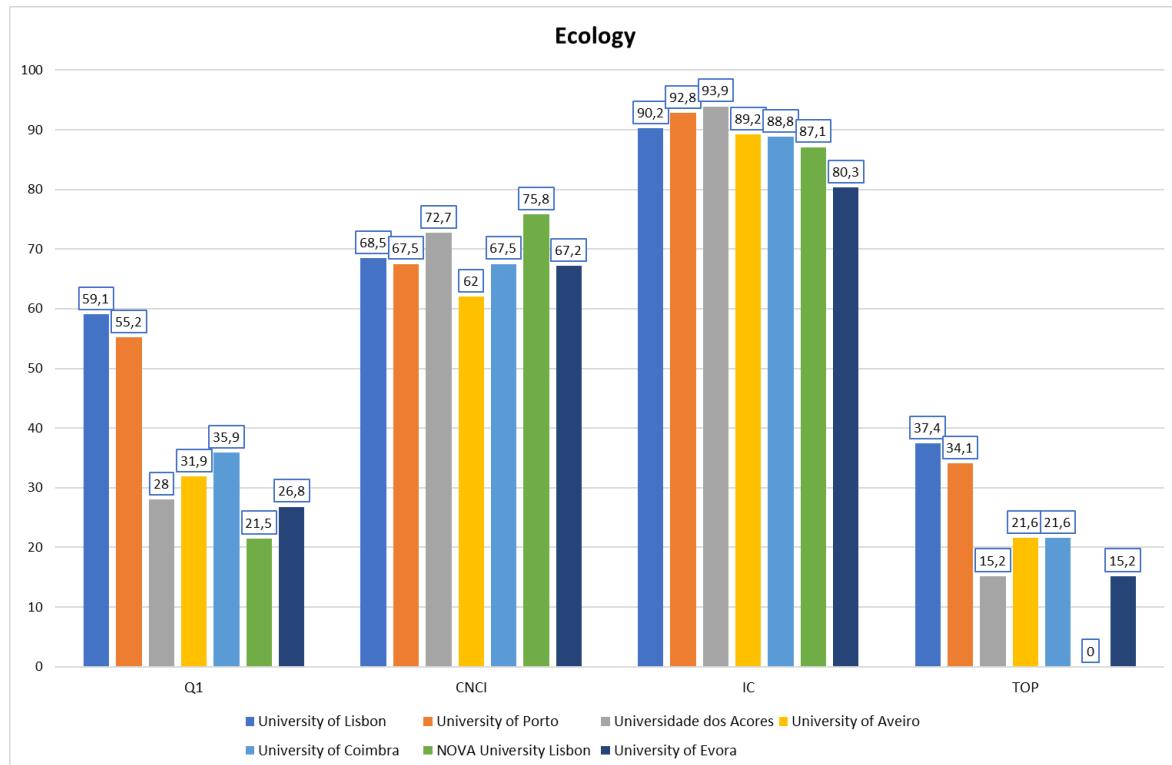
n/c - não consta



3.1.6 Ecology

World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	World Rank 17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP
101-150	201-300	201-300	151-200	101-150	101-150	101-150	1-2	University of Lisbon		59,1	68,5	90,2	37,4
101-150	151-200	151-200	101-150	101-150	101-150	101-150	1-2	University of Porto		55,2	67,5	92,8	34,1
301-400	401-500	401-500	401-500	401-500	301-400	201-300	3-5	Universidade dos Acores		28	72,7	93,9	15,2
301-400	301-400	301-400	301-400	301-400	301-400	n/c	3-5	University of Aveiro		31,9	62	89,2	21,6
301-400	201-300	201-300	301-400	301-400	301-400	201-300	3-5	University of Coimbra		35,9	67,5	88,8	21,6
401-500	401-500	301-400	201-300	301-400	301-400	n/c	6-7	NOVA University Lisbon		21,5	75,8	87,1	0
401-500	401-500	401-500	201-300	201-300	201-300	151-200	6-7	University of Evora		26,8	67,2	80,3	15,2
n/c	401-500	301-400	201-300	301-400	201-300	n/c		Universidade do Algarve					
500	500	500	500	500	400	300	7	Nº IES					

n/c - não consta



3.1.7 Oceanography

Área nova 2018

	World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP
37	51-75	44	51-75	51-75	51-75	51-75	1	University of Lisbon	183,2	61,2	83,7	81,3	22,1
n/c	101-150	101-150	151-200	101-150	151-200			Universidade dos Acores					
n/c	151-200	151-200	101-150	101-150	101-150			Universidade do Algarve					
n/c	151-200	101-150	101-150	101-150	101-150			University of Aveiro					
n/c	n/c	151-200	151-200	151-200	151-200			University of Porto					
200	200	200	200	200	200	200	1	Nº IES					

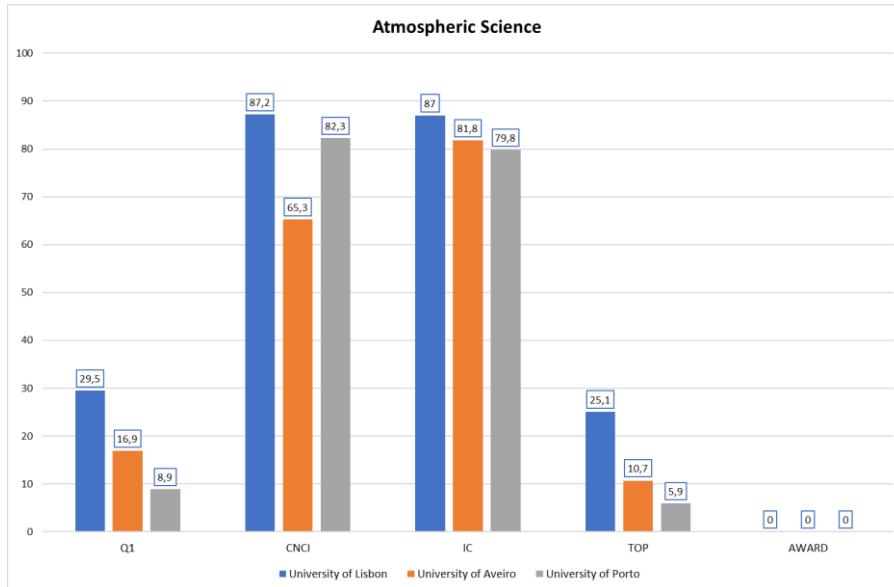
n/c - não consta

3.1.8 Atmospheric Science

Área nova 2018

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
51-75	76-100	101-150	101-150	101-150	76-100	1	University of Lisbon		29,5	87,2	87	25,1	0
301-400	301-400	301-400	301-400	201-300	201-300	2-3	University of Aveiro		16,9	65,3	81,8	10,7	0
301-400	301-400	301-400	n/c	301-400	301-400	2-3	University of Porto		8,9	82,3	79,8	5,9	0
n/c	301-400	n/c	n/c	n/c	n/c		University of Tras-os-Montes & Alto Douro						
n/c	n/c	n/c	n/c	301-400	301-400		University of Evora						
400	400	400	400	400	400	3	Nº IES						

n/c - não consta

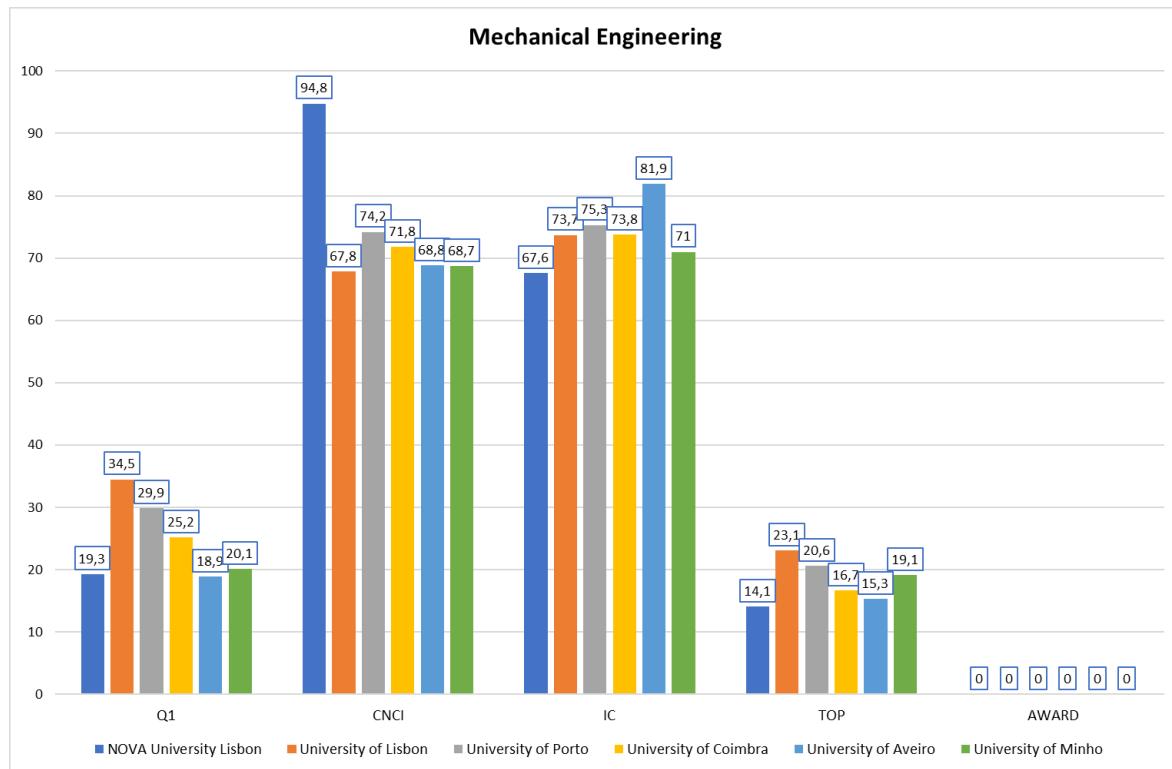


3.2 ENGINEERING

3.2.1 Mechanical Engineering

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
151-200	301-400	301-400	301-400	n/c	n/c	n/c	1-3	NOVA University Lisbon		19,3	94,8	67,6	14,1	0
151-200	151-200	101-150	151-200	151-200	101-150	101-150	1-3	University of Lisbon		34,5	67,8	73,7	23,1	0
151-200	201-300	201-300	201-300	201-300	151-200	151-200	1-3	University of Porto		29,9	74,2	75,3	20,6	0
201-300	301-400	301-400	301-400	301-400	n/c	n/c	4	University of Coimbra		25,2	71,8	73,8	16,7	0
301-400	n/c	301-400	301-400	301-400	n/c	201-300	5-6	University of Aveiro		18,9	68,8	81,9	15,3	0
301-400	301-400	301-400	301-400	301-400	201-300	201-300	5-6	University of Minho		20,1	68,7	71	19,1	0
400	400	400	400	400	300	300	6	Nº IES						

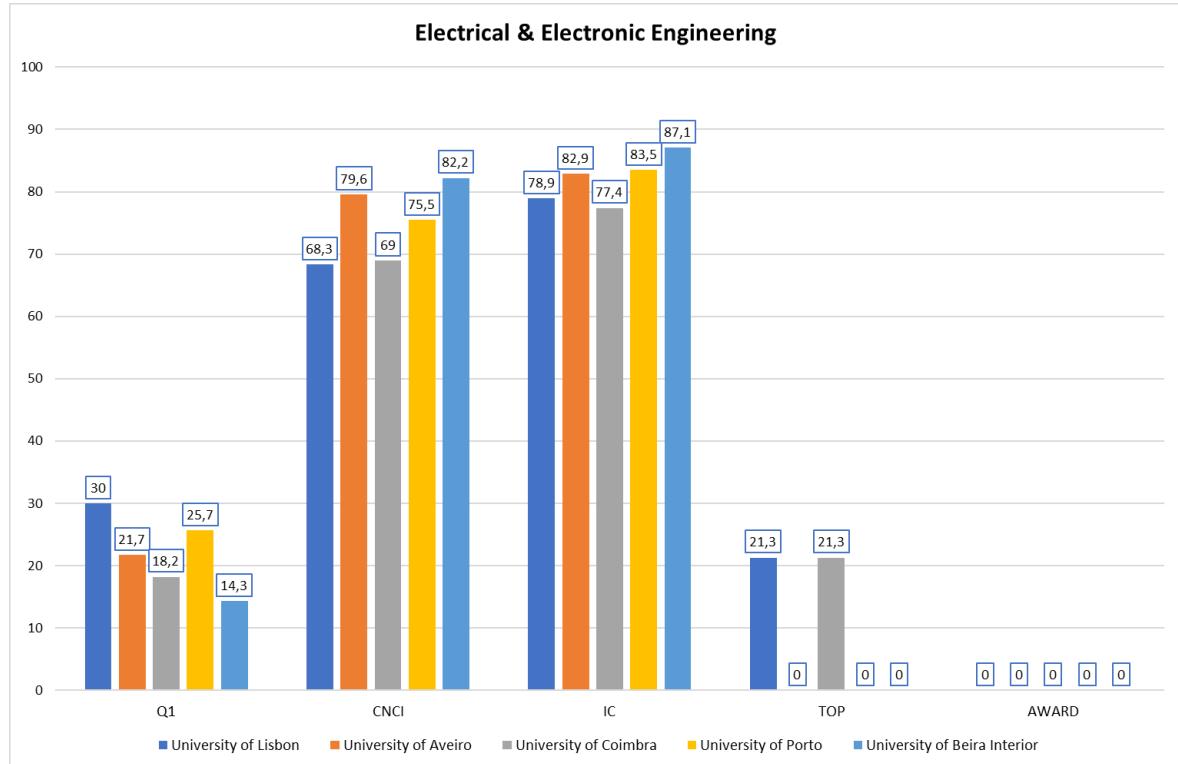
n/c - não consta



3.2.2 Electrical & Electronic Engineering

World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	World Rank 17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
201-300	101-150	101-150	76-100	51-75	51-75	76-100	1	University of Lisbon		30	68,3	78,9	21,3	0
301-400	301-400	301-400	201-300	201-300	301-400	301-400	2-4	University of Aveiro		21,7	79,6	82,9	0	0
301-400	301-400	301-400	301-400	301-400	101-150	151-200	2-4	University of Coimbra		18,2	69	77,4	21,3	0
301-400	301-400	301-400	301-400	301-400	301-400	201-300	2-4	University of Porto		25,7	75,5	83,5	0	0
401-500	301-400	201-300	201-300	201-300	n/c	301-400	5	University of Beira Interior		14,3	82,2	87,1	0	0
n/c	n/c	401-500	301-400	n/c	n/c	n/c		University of Minho						
500	500	500	500	500	500	500	5	Nº IES						

n/c - não consta



3.2.3 Automation & Control

Em 2023, não há nenhuma IES portuguesa entre as 200 listadas.

A U.Lisboa esteve listada em 2022 (151-200), em 2021 e 2020 (101-150) e entre 2019 e 2017 (76-100). A U.Coimbra esteve listada em 2021 e 2020 (151-200), 2019 e 2018 (101-150) e em 2017 (76-100). A U.Porto esteve listada em 2020 e 2019 (151-200) e em 2018 (101-150).

3.2.4 Telecommunication Engineering

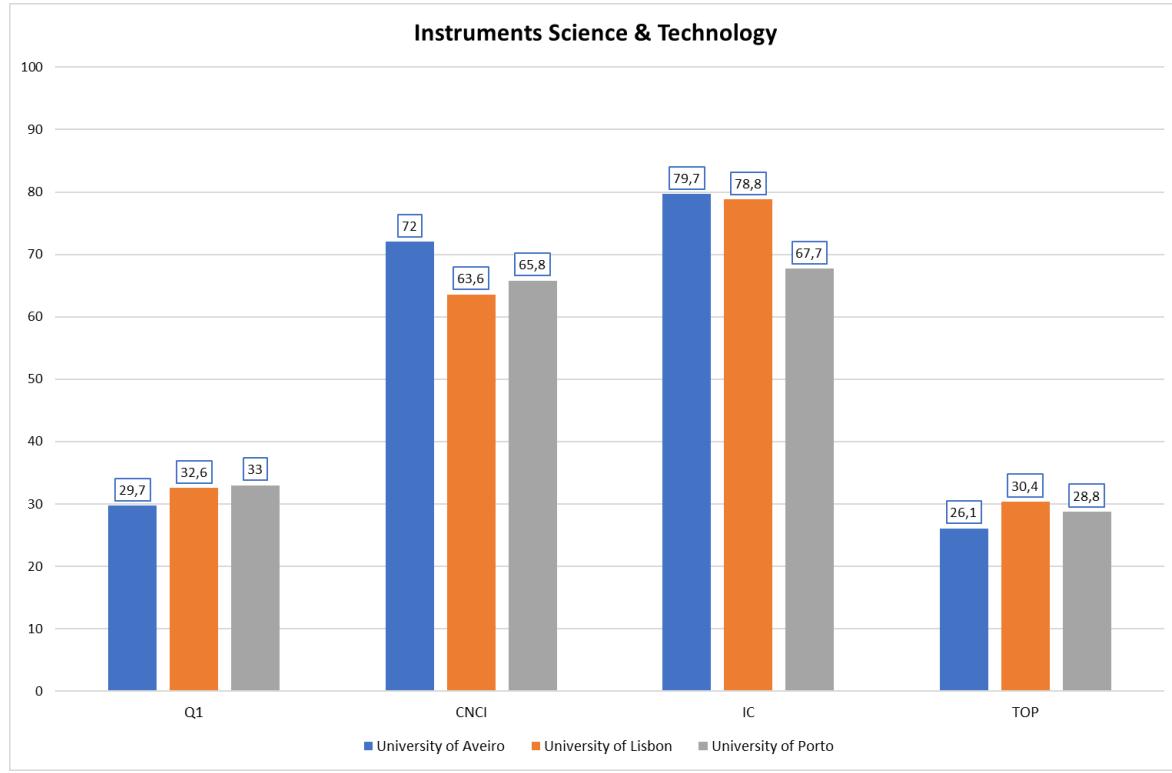
World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	World Rank 17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
101-150	101-150	101-150	151-200	151-200	151-200	151-200	1	University of Aveiro		28,4	88,4	83,9	28,8	0
n/c	n/c	201-300	201-300	201-300	151-200	151-200		University of Lisbon						
n/c	n/c	n/c	n/c	n/c	51-75	n/c		University of Coimbra						
300	300	300	300	300	200	200	1	Nº IES						

n/c - não consta

3.2.5 Instruments Science & Technology

World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	World Rank 17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP
201-300	201-300	201-300	201-300	201-300	201-300	201-300	1-3	University of Aveiro		29,7	72	79,7	26,1
201-300	151-200	201-300	201-300	101-150	51-75	51-75	1-3	University of Lisbon		32,6	63,6	78,8	30,4
201-300	151-200	151-200	201-300	201-300	151-200	151-200	1-3	University of Porto		33	65,8	67,7	28,8
n/c	n/c	n/c	n/c	151-200	51-75	101-150		University of Coimbra					
300	300	300	300	300	300	300	3	Nº IES					

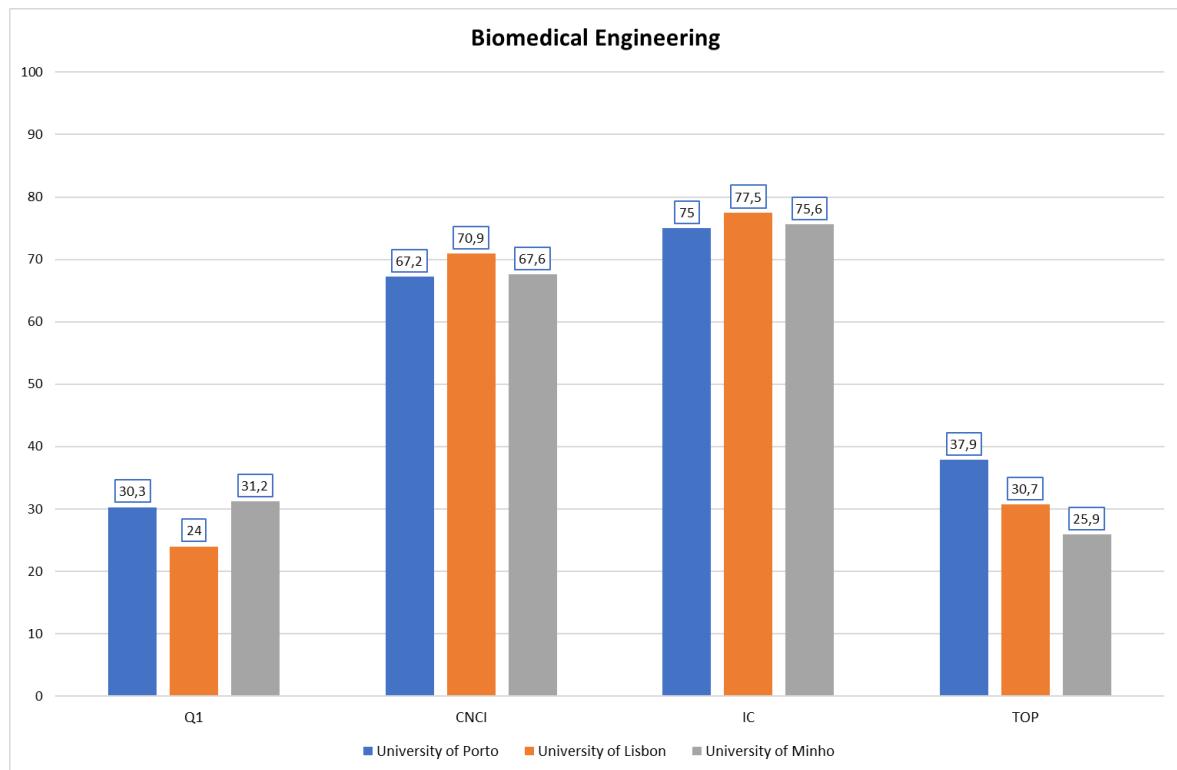
n/c - não consta



3.2.6 Biomedical Engineering

World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	World Rank 17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP
151-200	101-150	76-100	76-100	76-100	101-150	151-200	1	University of Porto		30,3	67,2	75	37,9
201-300	201-300	201-300	201-300	201-300	201-300	201-300	2-3	University of Lisbon		24	70,9	77,5	30,7
201-300	151-200	101-150	101-150	101-150	101-150	76-100	2-3	University of Minho		31,2	67,6	75,6	25,9
n/c	201-300	n/c	n/c	n/c	n/c	n/c		University of Aveiro					
n/c	201-300	201-300	201-300	201-300	201-300	n/c		University of Coimbra					
300	300	300	300	300	300	300	3	Nº IES					

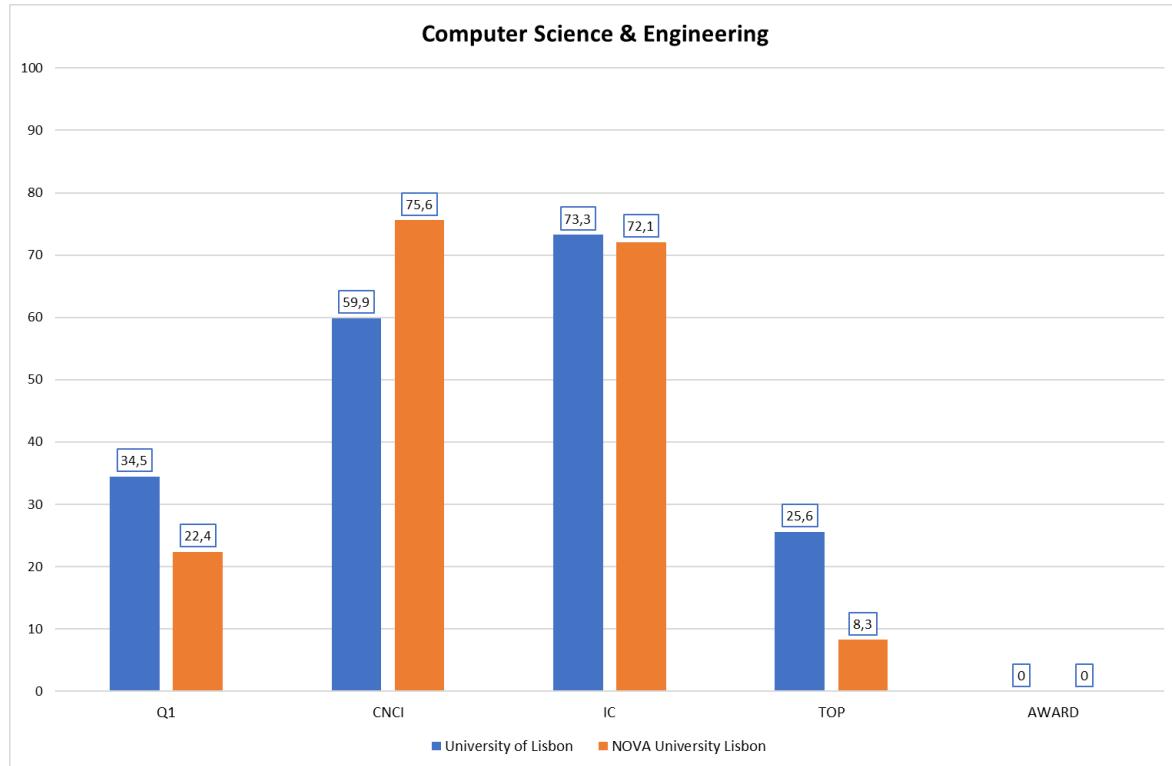
n/c - não consta



3.2.7 Computer Science & Engineering

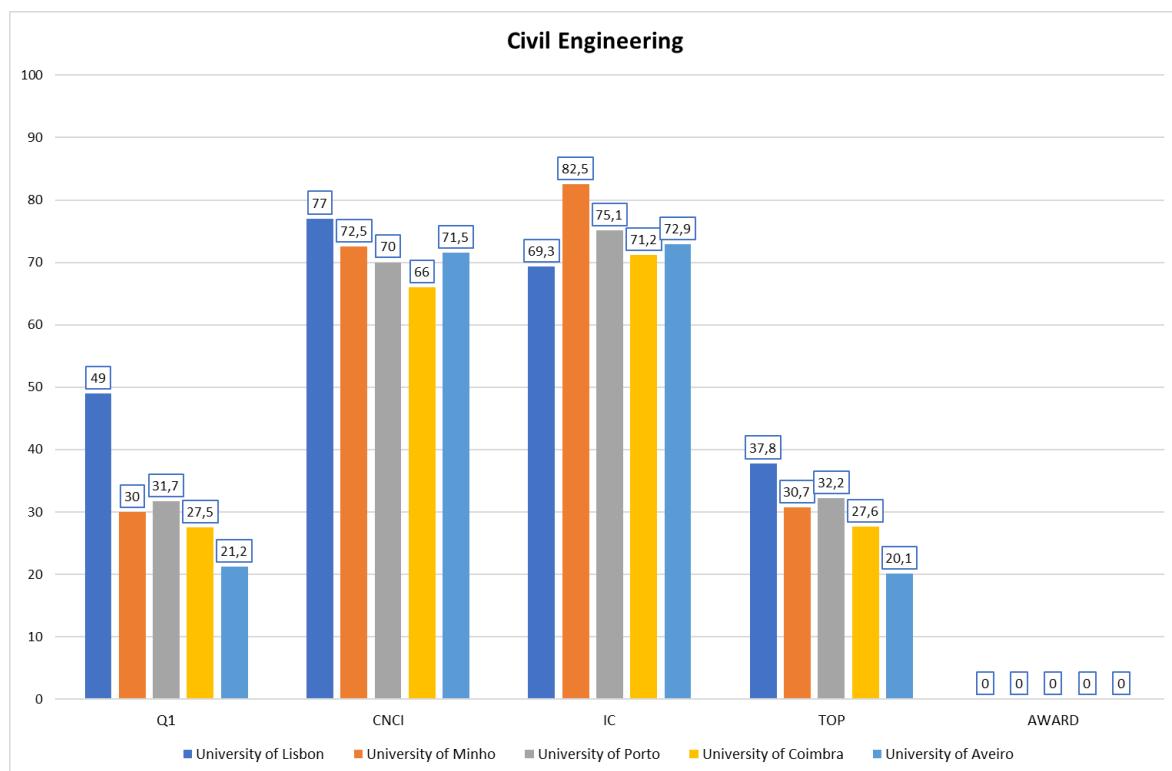
World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	World Rank 17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
201-300	201-300	201-300	201-300	151-200	151-200	76-100	1	University of Lisbon	34,5	59,9	73,3	25,6	0	
401-500	401-500	401-500	401-500	401-500	301-400	401-500	2	NOVA University Lisbon	22,4	75,6	72,1	8,3	0	
n/c	401-500	n/c	n/c	n/c	n/c	401-500		University of Aveiro						
n/c	401-500	401-500	301-400	301-400	401-500	101-150		University of Porto						
n/c	n/c	301-400	201-300	201-300	101-150	151-200		University of Coimbra						
n/c	n/c	n/c	401-500	401-500	401-500	n/c		University of Beira Interior						
n/c	n/c	n/c	401-500	401-500	401-500	301-400		University of Minho						
500	500	500	500	500	500	500	2	Nº IES						

n/c - não consta



3.2.8 Civil Engineering

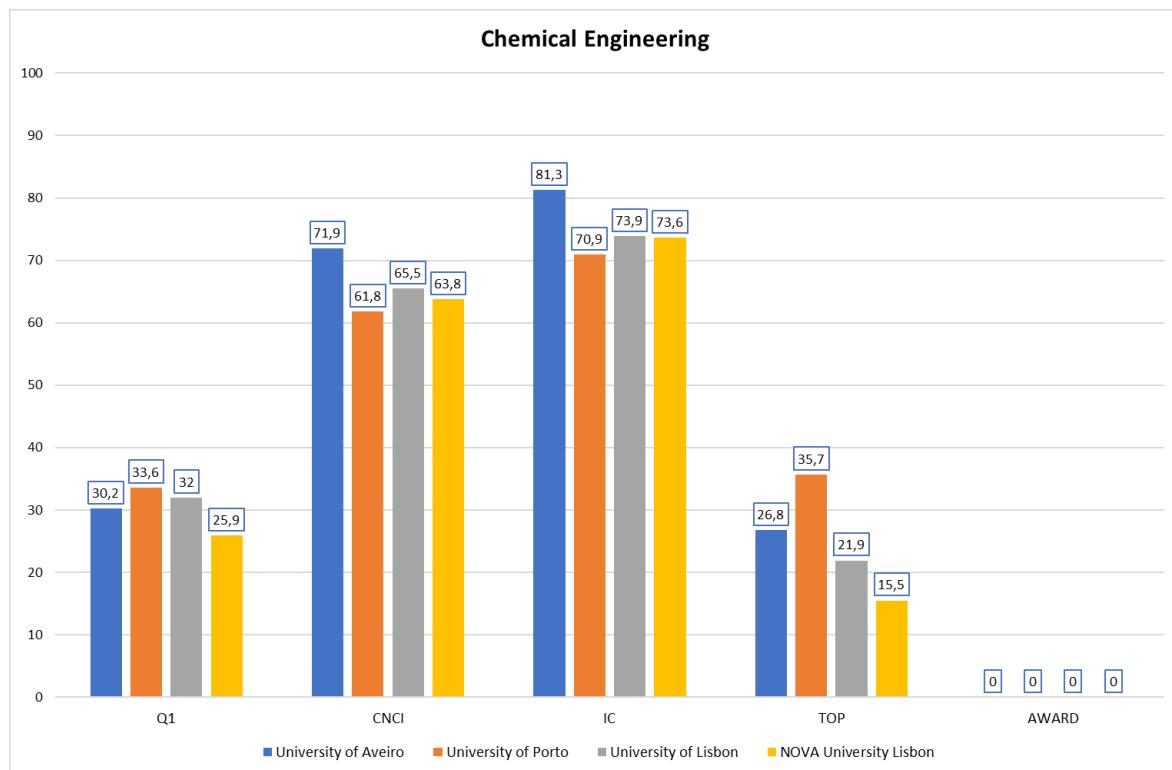
World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
36	43	51-75	51-75	48	45	43	1	University of Lisbon	177,7	49	77	69,3	37,8	0
76-100	76-100	76-100	76-100	51-75	76-100	76-100	2-3	University of Minho		30	72,5	82,5	30,7	0
76-100	151-200	151-200	101-150	101-150	101-150	201-300	2-3	University of Porto		31,7	70	75,1	32,2	0
151-200	101-150	101-150	76-100	76-100	51-75	51-75	4	University of Coimbra		27,5	66	71,2	27,6	0
201-300	201-300	201-300	201-300	201-300	201-300	201-300	5	University of Aveiro		21,2	71,5	72,9	20,1	0
n/c	151-200	151-200	101-150	151-200	151-200	151-200		NOVA University Lisbon						
300	300	300	300	300	300	300	5	Nº IES						



3.2.9 Chemical Engineering

World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	World Rank 17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
151-200	101-150	151-200	101-150	101-150	101-150	101-150	1-2	University of Aveiro		30,2	71,9	81,3	26,8	0
151-200	101-150	76-100	76-100	51-75	41	29	1-2	University of Porto		33,6	61,8	70,9	35,7	0
201-300	101-150	101-150	101-150	101-150	101-150	101-150	3	University of Lisbon		32	65,5	73,9	21,9	0
401-500	301-400	201-300	201-300	301-400	201-300	201-300	4	NOVA University Lisbon		25,9	63,8	73,6	15,5	0
n/c	301-400	301-400	301-400	301-400	201-300	n/c		University of Coimbra						
n/c	n/c	401-500	401-500	301-400	301-400	201-300		University of Minho						
500	500	500	500	500	500	300	4	Nº IES						

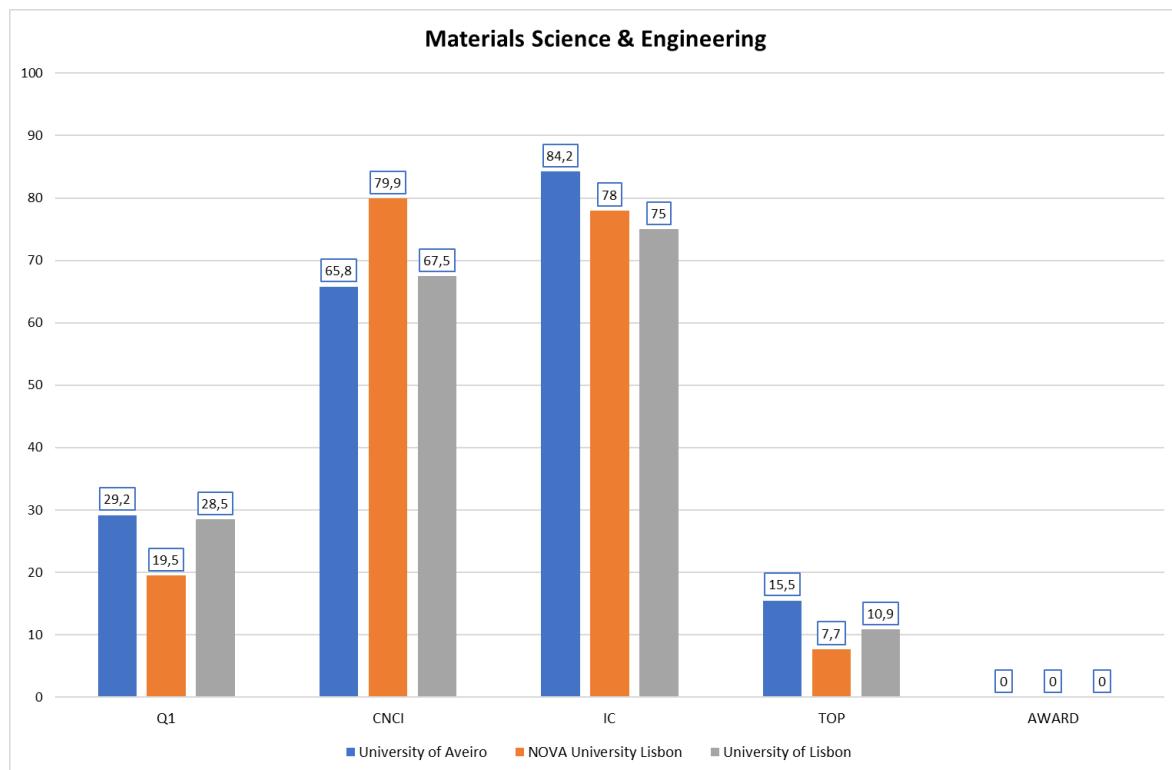
n/c - não consta



3.2.10 Materials Science & Engineering

World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	World Rank 17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
301-400	301-400	301-400	201-300	201-300	301-400	201-300	1	University of Aveiro	29,2	65,8	84,2	15,5	0	
401-500	401-500	401-500	401-500	401-500	401-500	401-500	2-3	NOVA University Lisbon	19,5	79,9	78	7,7	0	
401-500	301-400	301-400	301-400	301-400	201-300	201-300	2-3	University of Lisbon	28,5	67,5	75	10,9	0	
n/c	401-500	301-400	301-400	201-300	301-400	301-400		University of Minho						
n/c	401-500	n/c	401-500	301-400	201-300	201-300		University of Porto						
n/c	n/c	n/c	n/c	n/c	401-500	401-500		University of Coimbra						
500	500	500	500	500	500	500	3	Nº IES						

n/c - não consta



3.2.11 Nanoscience & Nanotechnology

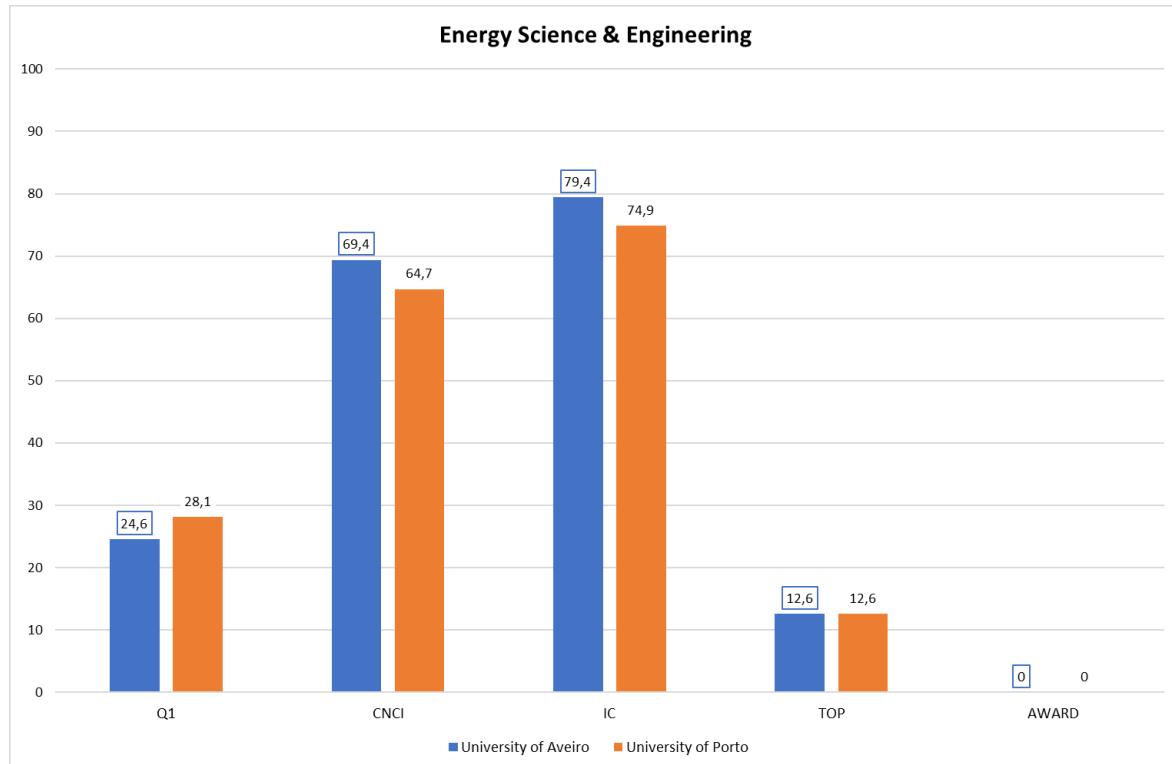
Em 2023, não há nenhuma IES portuguesa entre as 400 listadas. Em 2017, não havia nenhuma IES portuguesa entre as 300 listadas.

A U.Aveiro esteve listada entre 2019 e 2022 (301-400) e em 2018 (201-300). A U.Minho esteve listada entre 2018 e 2020 (301-400). A U.Lisboa esteve listada em 2018 e 2019 (301-400). A U.Porto esteve listada em 2018 e 2019 (301-400).

3.2.12 Energy Science & Engineering

World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	World Rank 17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
301-400	201-300	n/c	301-400	401-500	301-400	201-300	1-2	University of Aveiro		24,6	69,4	79,4	12,6	0
301-400	201-300	201-300	201-300	201-300	201-300	201-300	1-2	University of Porto		28,1	64,7	74,9	12,6	0
n/c	151-200	101-150	101-150	101-150	101-150	151-200		University of Lisbon						
n/c	n/c	n/c	301-400	301-400	201-300	n/c		University of Coimbra						
n/c	n/c	n/c	n/c	401-500	n/c	n/c		University of Beira Interior						
n/c	n/c	n/c	n/c	n/c	401-500	n/c		NOVA University of Lisbon						
400	400	400	400	500	500	300	2	Nº IES						

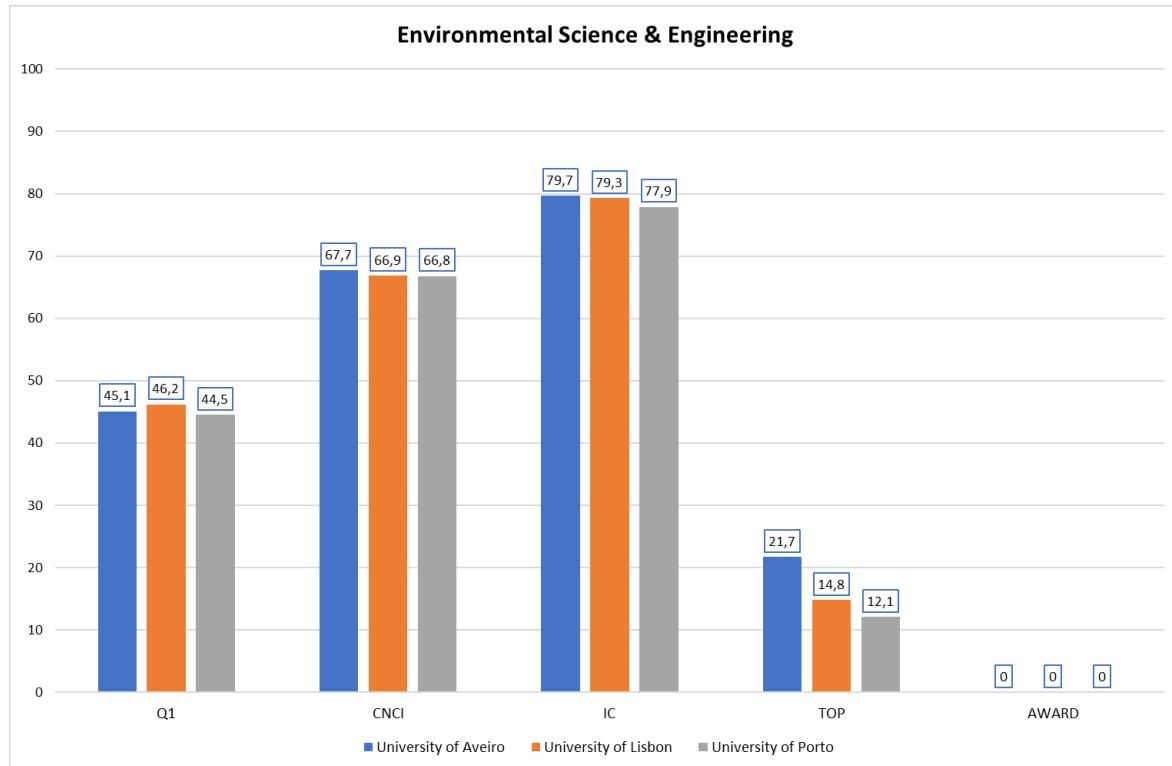
n/c - não consta



3.2.13 Environmental Science & Engineering

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
201-300	151-200	151-200	151-200	151-200	151-200	151-200	1-3	University of Aveiro		45,1	67,7	79,7	21,7	0
201-300	201-300	201-300	151-200	151-200	101-150	101-150	1-3	University of Lisbon		46,2	66,9	79,3	14,8	0
201-300	201-300	201-300	201-300	151-200	151-200	151-200	1-3	University of Porto		44,5	66,8	77,9	12,1	0
n/c	401-500	301-400	301-400	301-400	301-400	301-400		NOVA University Lisbon						
n/c	n/c	401-500	401-500	301-400	301-400	301-400		University of Coimbra						
n/c	n/c	n/c	401-500	401-500	401-500	n/c		Universidade do Algarve						
n/c	n/c	n/c	n/c	n/c	401-500	n/c		University of Minho						
500	500	500	500	500	500	500	3	Nº IES						

n/c - não consta



3.2.14 Water Resources

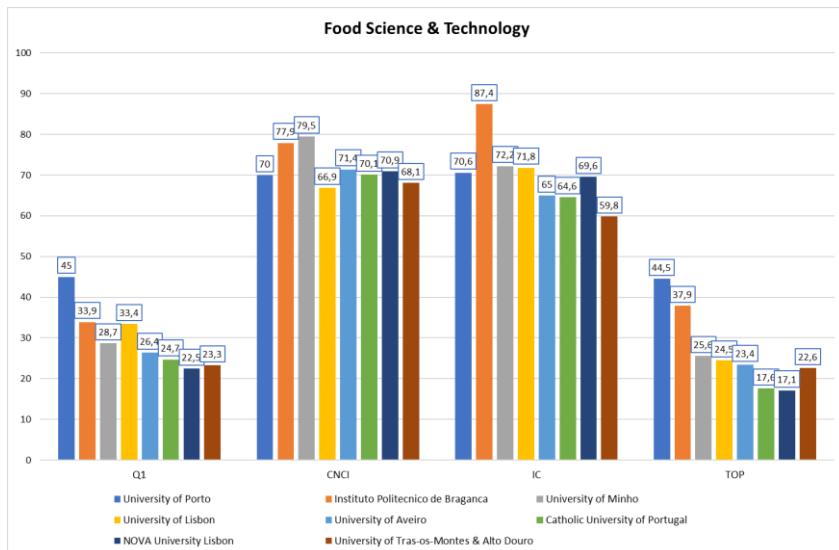
World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	World Rank 17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
151-200	151-200	101-150	101-150	51-75	51-75	18	1	University of Lisbon		44,7	70,2	81,7	21,6	0
n/c	n/c	n/c	n/c	n/c	n/c	151-200		University of Porto						
200	200	200	200	200	200	200	1	Nº IES						

n/c - não consta

3.2.15 Food Science & Technology

World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	World Rank 17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP
29	15	15	15	11	12	11	1	University of Porto	173,6	45	70	70,6	44,5
34	22	29	30	35	33	50	2	Instituto Politecnico de Braganca	167,2	33,9	77,9	87,4	37,9
76-100	51-75	51-75	51-75	51-75	51-75	76-100	3	University of Minho		28,7	79,5	72,2	25,6
101-150	101-150	101-150	101-150	76-100	76-100	51-75	4	University of Lisbon		33,4	66,9	71,8	24,5
151-200	101-150	101-150	101-150	101-150	101-150	101-150	5	University of Aveiro		26,4	71,4	65	23,4
201-300	201-300	101-150	101-150	151-200	101-150	101-150	6-8	Catholic University of Portugal		24,7	70,1	64,6	17,6
201-300	151-200	151-200	101-150	101-150	101-150	101-150	6-8	NOVA University Lisbon		22,5	70,9	69,6	17,1
201-300	201-300	201-300	201-300	201-300	201-300	201-300	6-8	University of Tras-os-Montes & Alto Douro		23,3	68,1	59,8	22,6
n/c	n/c	201-300	201-300	n/c	n/c	201-300		University of Coimbra					
300	300	300	300	300	300	300	8	Nº IES					

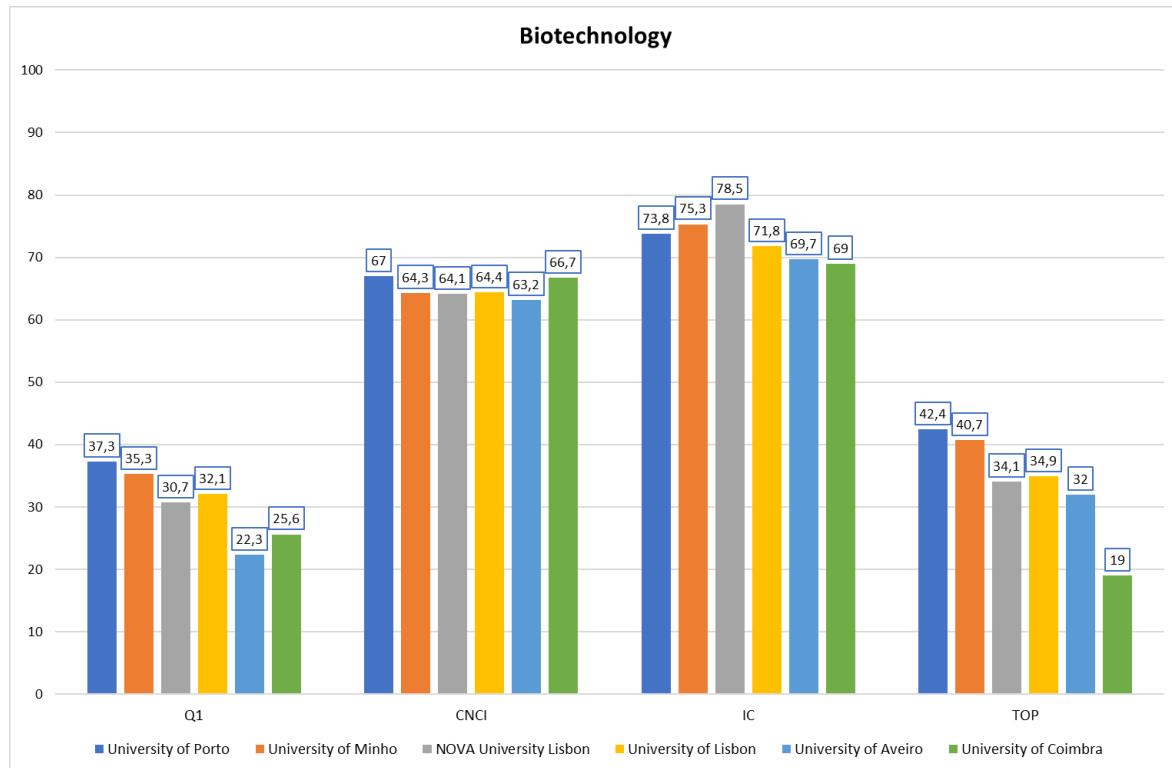
n/c - não consta



3.2.16 Biotechnology

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP
151-200	151-200	151-200	151-200	201-300	151-200	201-300	1	University of Porto		37,3	67	73,8	42,4
201-300	201-300	201-300	201-300	201-300	201-300	151-200	2	NOVA University Lisbon		35,3	64,3	75,3	40,7
301-400	201-300	201-300	201-300	201-300	151-200	201-300	3-4	University of Lisbon		30,7	64,1	78,5	34,1
301-400	201-300	201-300	201-300	151-200	151-200	151-200	3-4	University of Minho		32,1	64,4	71,8	34,9
401-500	401-500	401-500	401-500	401-500	301-400	n/c	5-6	University of Aveiro		22,3	63,2	69,7	32
401-500	401-500	401-500	n/c	n/c	401-500	n/c	5-6	University of Coimbra		25,6	66,7	69	19
500	500	500	500	500	500	300	6	Nº IES					

n/c - não consta



3.2.17 Aerospace Engineering

Como em 2017, 2018, 2019, 2020, 2021 e 2022, não há nenhuma IES portuguesa entre as 50 listadas.

3.2.18 Marine/Ocean Engineering

World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	World Rank 17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
4	6	6	6	5	4	3	1	University of Lisbon	243.0	66.0	88.1	77.3	61.1	61.2
50	50	50	50	50	50	50	1	Nº IES						

3.2.19 Transportation Science & Technology

World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	World Rank 17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	
151-200	n/c	n/c	n/c	n/c	n/c	n/c	1	University of Aveiro	21.6	85.6	79.9	19.7		
n/c	151-200	151-200	101-150	101-150	51-75	76-100		University of Coimbra						
n/c	151-200	101-150	101-150	101-150	76-100			University of Lisbon						
n/c	n/c	n/c	151-200	151-200	n/c			University of Porto						
200	200	200	200	200	100	1	Nº IES							

n/c - não consta

3.2.20 Remote Sensing

Como em 2022 e 2023, não há nenhuma IES portuguesa entre as 100 listadas. De 2017 a 2021, a Universidade de Lisboa ocupou respectivamente as posições 8 (top50), 10, 19, 38 e 50. A Universidade de Coimbra, em 2018, ocupou a posição 11.

3.2.21 Mining & Mineral Engineering

Como em 2017, 2018, 2019, 2020, 2021 e 2022, não há nenhuma IES portuguesa entre as 100 listadas (50 em 2017).

3.2.22 Metallurgical Engineering

World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	World Rank 17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	
n/c	151-200	n/c	n/c	n/c	n/c	101-150		University of Aveiro	22,3	71,4	88,3	16,1		
n/c	151-200	n/c	n/c	n/c	n/c	151-200		University of Lisbon	17,5	75,8	78,9	17,7		
200	200	200	200	200	200	200	0	Nº IES						

n/c - não consta

3.2.23 Textile Science & Engineering

Área nova 2023

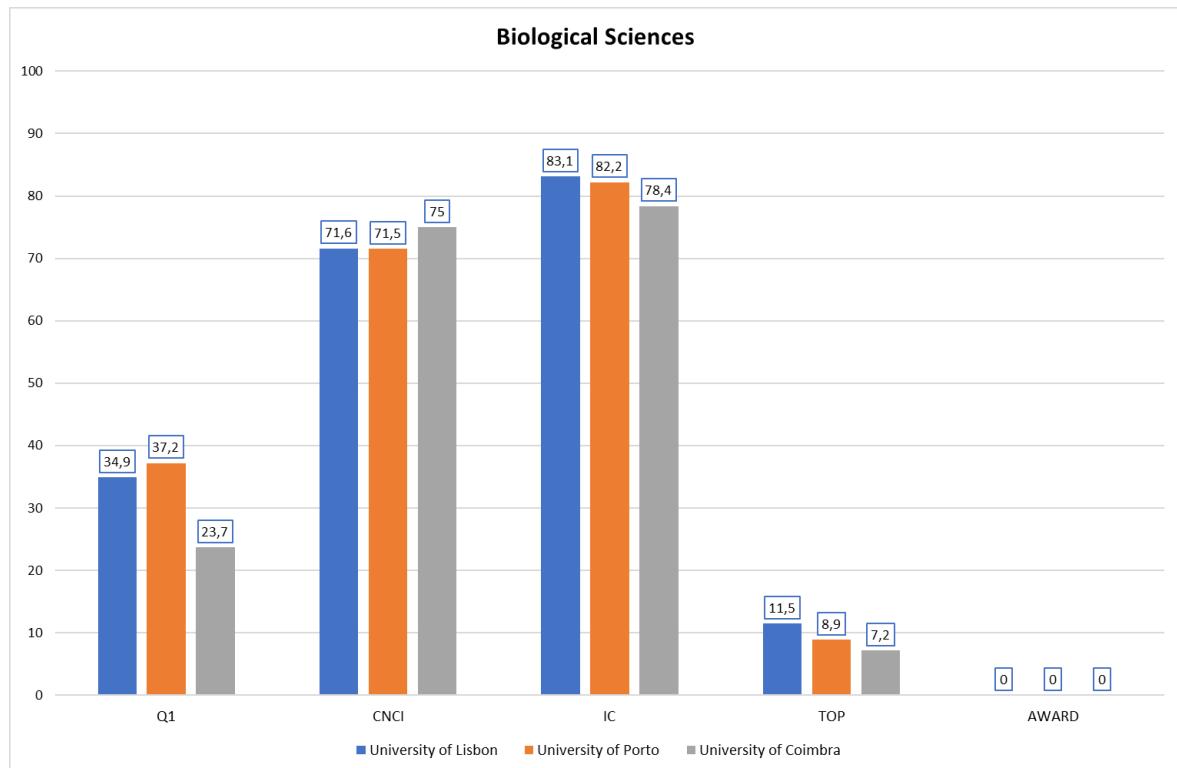
Não consta nenhuma IES portuguesa entre as 50 listadas

3.3 LIFE SCIENCES

3.3.1 Biological Sciences

World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
201-300	201-300	201-300	201-300	151-200	151-200	201-300	1-2	University of Lisbon		34,9	71,6	83,1	11,5	0
201-300	201-300	201-300	301-400	201-300	151-200	201-300	1-2	University of Porto		37,2	71,5	82,2	8,9	0
301-400	301-400	401-500	401-500	301-400	301-400	301-400	3	University of Coimbra		23,7	75	78,4	7,2	0
n/c	n/c	n/c	301-400	301-400	301-400	301-400		NOVA University of Lisbon						
n/c	n/c	n/c	n/c	401-500	401-500	401-500		University of Aveiro						
500	500	500	500	500	500	500	3	Nº IES						

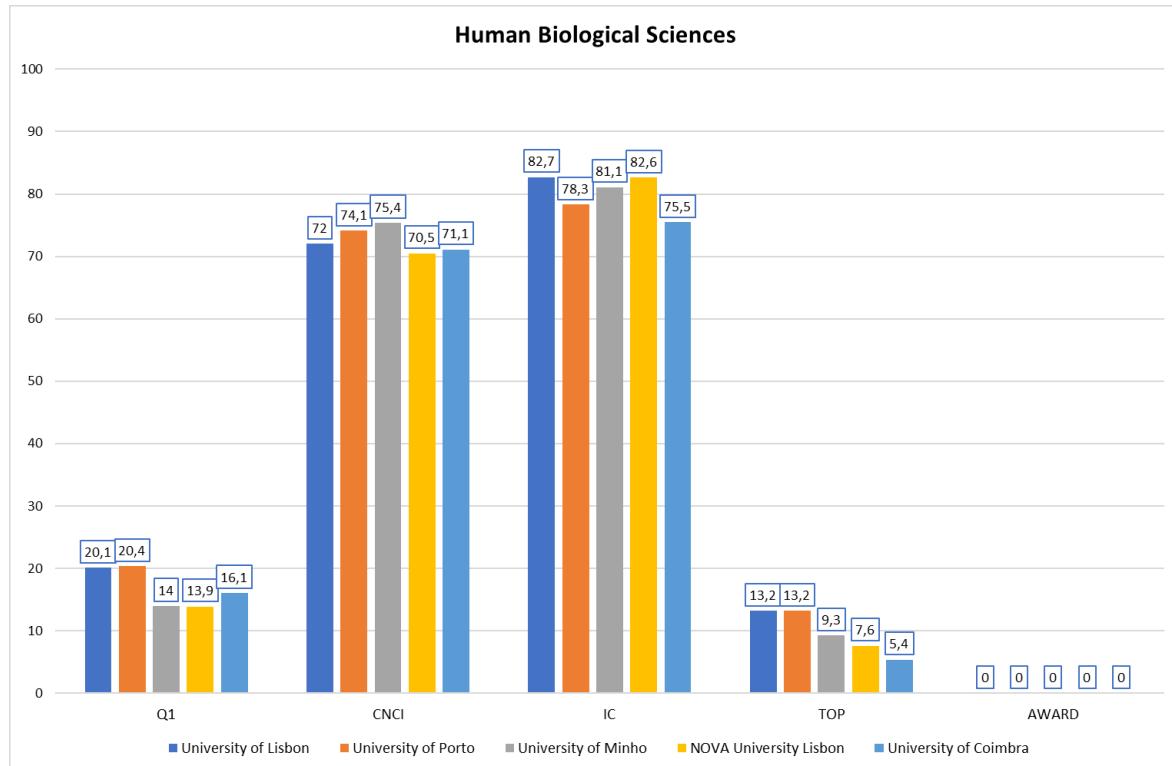
n/c - não consta



3.3.2 Human Biological Sciences

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
201-300	201-300	201-300	201-300	201-300	201-300	201-300	1-2	University of Lisbon		20,1	72	82,7	13,2	0
201-300	301-400	301-400	301-400	201-300	201-300	201-300	1-2	University of Porto		20,4	74,1	78,3	13,2	0
301-400	301-400	401-500	n/c	401-500	n/c	n/c	3	University of Minho		14	75,4	81,1	9,3	0
401-500	n/c	401-500	401-500	401-500	401-500	401-500	4-5	NOVA University Lisbon		13,9	70,5	82,6	7,6	0
401-500	n/c	301-400	401-500	201-300	201-300	201-300	4-5	University of Coimbra		16,1	71,1	75,5	5,4	0
500	500	500	500	500	500	500	5	Nº IES						

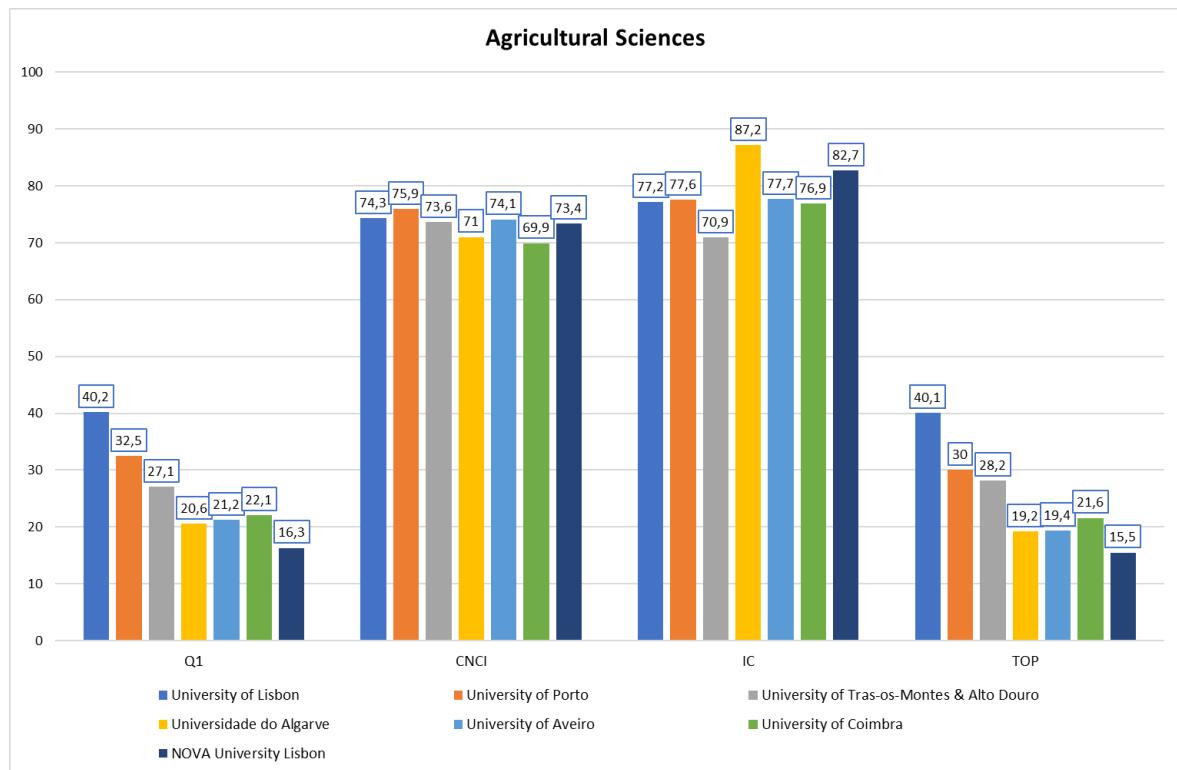
n/c - não consta



3.3.3 Agricultural Sciences

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP
51-75	76-100	76-100	51-75	51-75	51-75	51-75	1	University of Lisbon		40,2	74,3	77,2	40,1
101-150	101-150	101-150	101-150	101-150	151-200	151-200	2	University of Porto		32,5	75,9	77,6	30
201-300	401-500	401-500	401-500	401-500	401-500	401-500	3	University of Tras-os-Montes & Alto Douro		27,1	73,6	70,9	28,2
301-400	401-500	401-500	401-500	301-400	301-400	301-400	4-6	Universidade do Algarve		20,6	71	87,2	19,2
301-400	401-500	301-400	301-400	301-400	201-300	301-400	4-6	University of Aveiro		21,2	74,1	77,7	19,4
301-400	401-500	401-500	n/c	401-500	401-500	301-400	4-6	University of Coimbra		22,1	69,9	76,9	21,6
401-500	301-400	301-400	301-400	301-400	301-400	301-400	7	NOVA University Lisbon		16,3	73,4	82,7	15,5
n/c	n/c	401-500	401-500	401-500	401-500	n/c		Instituto Politecnico de Braganca					
n/c	n/c	n/c	401-500	401-500	401-500	n/c		University of Minho					
500	500	500	500	500	500	500	7	Nº IES					

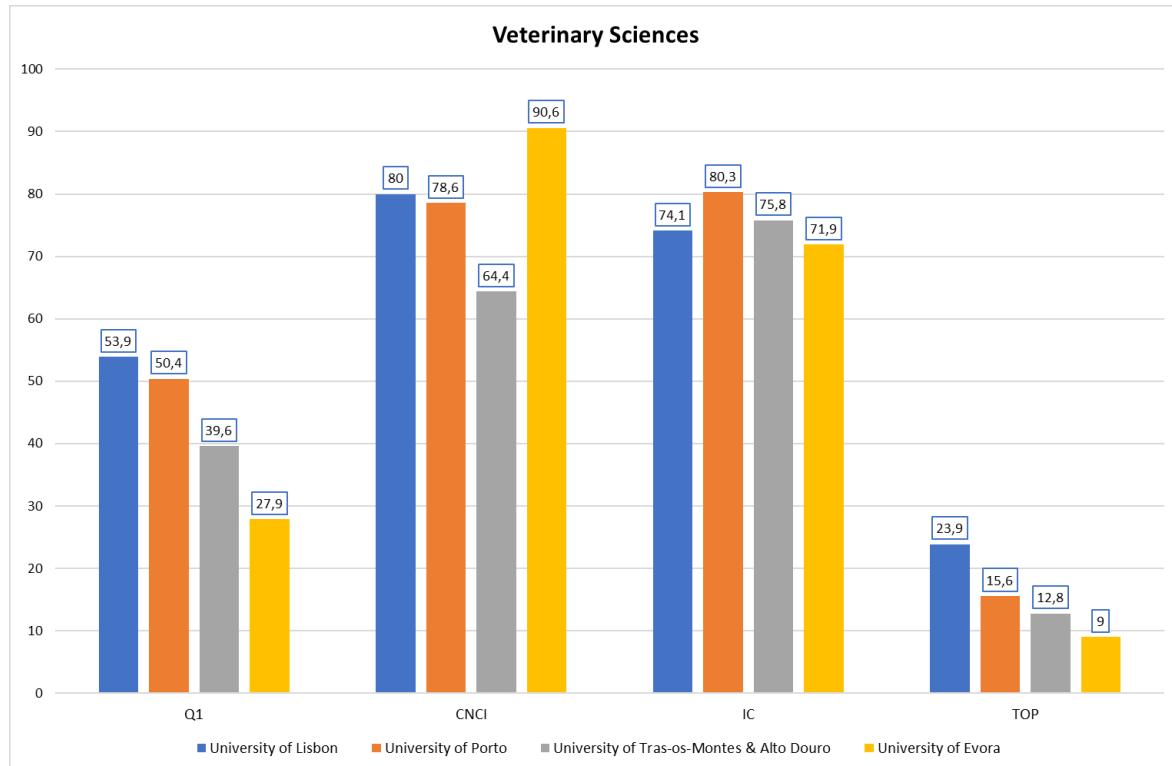
n/c - não consta



3.3.4 Veterinary Sciences

World Rank 23	World Rank 22	World Rank 21	World Rank 20	World Rank 19	World Rank 18	World Rank 17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP
51-75	76-100	76-100	76-100	51-75	51-75	101-150	1	University of Lisbon		53,9	80	74,1	23,9
101-150	76-100	76-100	51-75	51-75	51-75	51-75	2	University of Porto		50,4	78,6	80,3	15,6
151-200	201-300	201-300	151-200	151-200	151-200	101-150	3	University of Tras-os-Montes & Alto Douro		39,6	64,4	75,8	12,8
201-300	n/c	n/c	n/c	n/c	n/c	n/c	4	University of Evora		27,9	90,6	71,9	9
300	300	300	300	300	300	200	4	Nº IES					

n/c - não consta

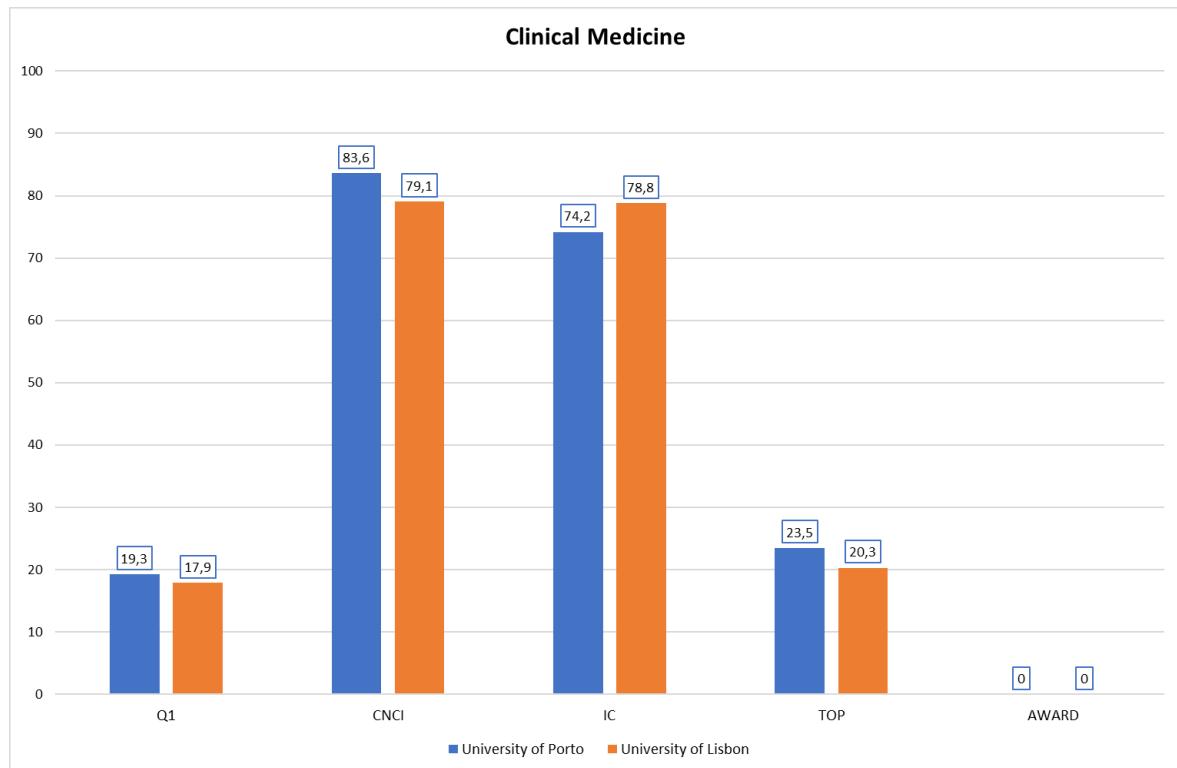


3.4 MEDICAL SCIENCES

3.4.1 Clinical Medicine

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
151-200	151-200	151-200	201-300	201-300	301-400	301-400	1	University of Porto		19,3	83,6	74,2	23,5	0
201-300	201-300	201-300	201-300	301-400	301-400	301-400	2	University of Lisbon		17,9	79,1	78,8	20,3	0
n/c	401-500	301-400	301-400	401-500	401-500	401-500		University of Coimbra						
500	500	500	500	500	500	500	2	Nº IES						

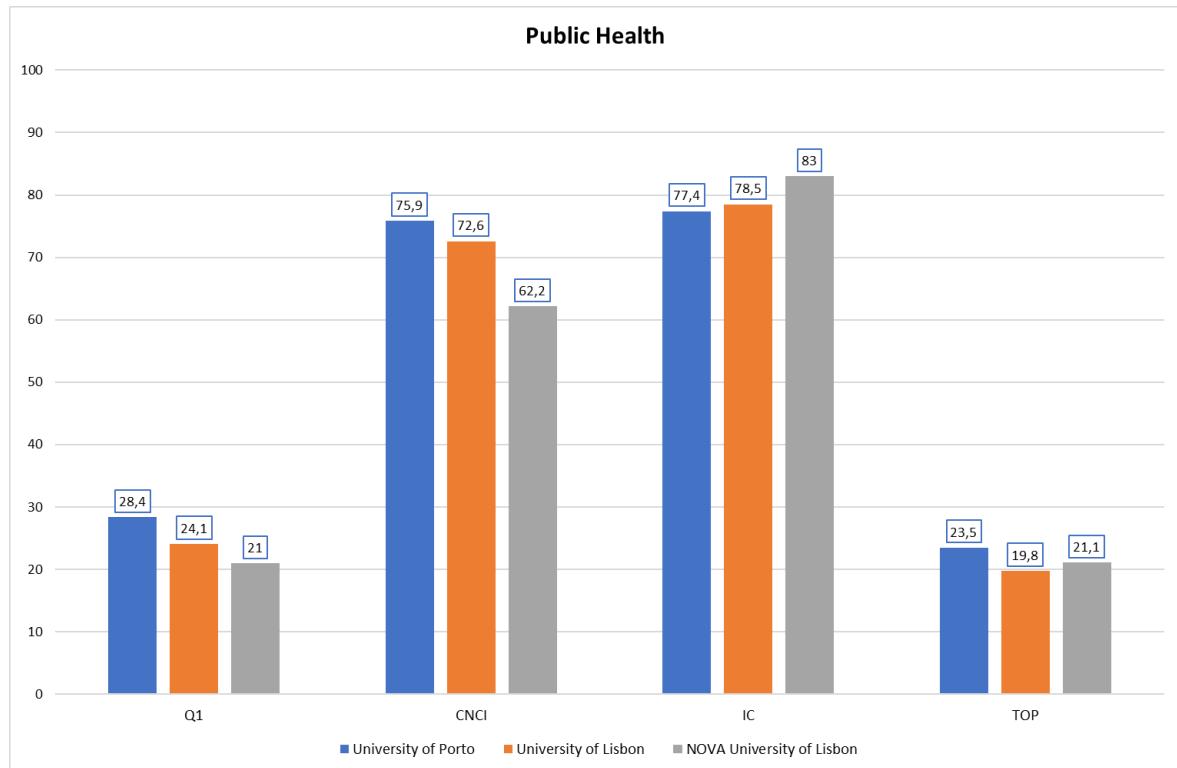
n/c - não consta



3.4.2 Public Health

World Rank ²³	World Rank ²²	World Rank ²¹	World Rank ²⁰	World Rank ¹⁹	World Rank ¹⁸	World Rank ¹⁷	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP
101-150	101-150	101-150	101-150	101-150	151-200	151-200	1	University of Porto	28,4	75,9	77,4	23,5	
201-300	301-400	301-400	301-400	301-400	301-400	301-400	2	University of Lisbon	24,1	72,6	78,5	19,8	
401-500	n/c	n/c	n/c	n/c	401-500	301-400	3	NOVA University of Lisbon	21	62,2	83	21,1	
n/c	n/c	n/c	n/c	401-500	n/c	401-500		University of Minho					
n/c	n/c	n/c	n/c	n/c	401-500	n/c		University of Coimbra					
500	500	500	500	500	500	500	3	Nº IES					

n/c - não consta

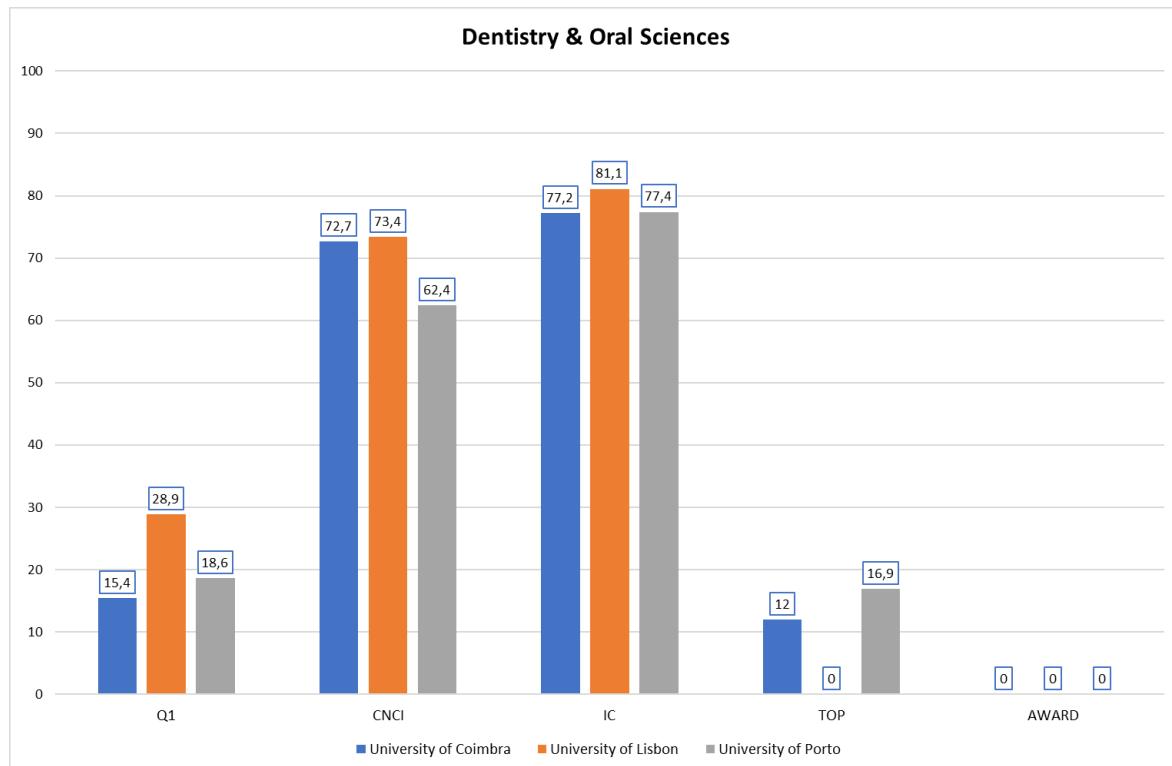


3.4.3 Dentistry & Oral Sciences

Em 2017 não havia nenhuma IES portuguesa entre as 200 listadas.

World Rank ²³	World Rank ²²	World Rank ²¹	World Rank ²⁰	World Rank ¹⁹	World Rank ¹⁸	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
201-300	n/c	n/c	n/c	n/c	n/c	1-3	University of Coimbra		15,4	72,7	77,2	12	0
201-300	201-300	201-300	201-300	n/c	n/c	1-3	University of Lisbon		28,9	73,4	81,1	0	0
201-300	201-300	201-300	201-300	201-300	201-300	1-3	University of Porto		18,6	62,4	77,4	16,9	0
300	300	300	300	300	300	3	Nº IES						

n/c - não consta



3.4.4 Nursing

Em 2018 e 2017 não havia nenhuma IES portuguesa entre as 300 listadas (100 em 2017).

World Rank ²³	World Rank ²²	World Rank ²¹	World Rank ²⁰	World Rank ¹⁹	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
201-300	201-300	201-300	201-300	n/c	1	University of Porto		36	61,2	74,1	19,6	0
n/c	201-300	201-300	n/c	n/c		Nursing School of Coimbra						
n/c	n/c	n/c	n/c	101-150		University of Coimbra						
300	300	300	300	300	1	Nº IES						

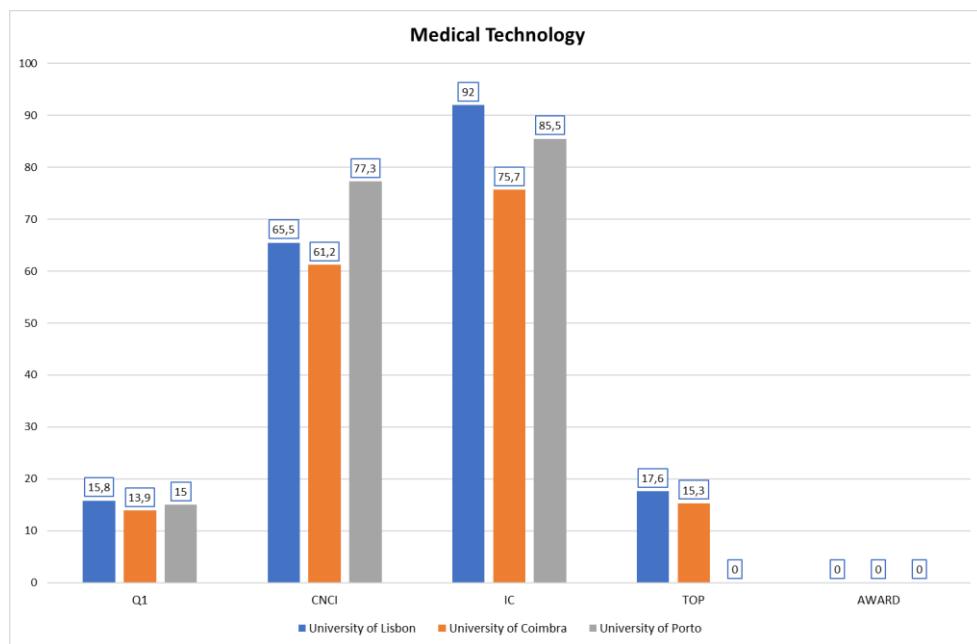
n/c - não consta

3.4.5 Medical Technology

Em 2017, não havia nenhuma IES portuguesa entre as 200 listadas.

World Rank ²³	World Rank ²²	World Rank ²¹	World Rank ²⁰	World Rank ¹⁹	World Rank ¹⁸	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
201-300	201-300	201-300	301-400	201-300	201-300	1	University of Lisbon		15,8	65,5	92	17,6	0
301-400	201-300	201-300	201-300	301-400	201-300	2-3	University of Coimbra		13,9	61,2	75,7	15,3	0
301-400	201-300	201-300	201-300	n/c	n/c	2-3	University of Porto		15	77,3	85,5	0	0
400	400	400	400	400	300	3							

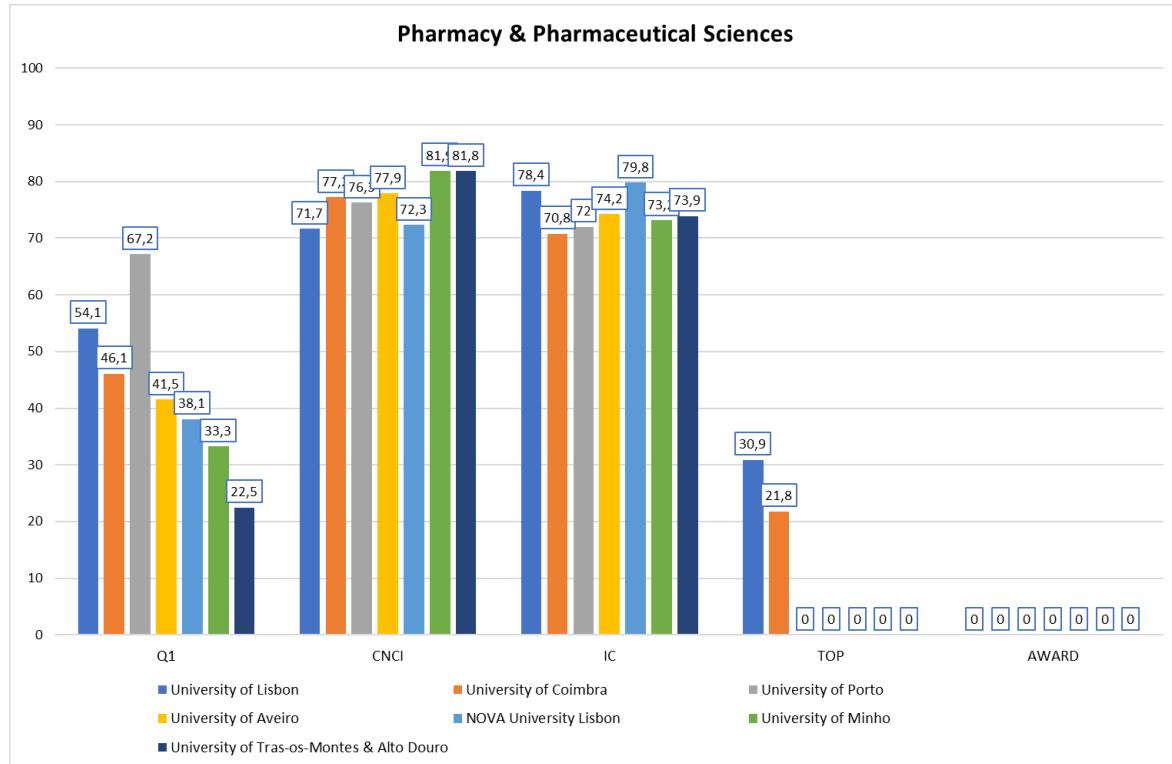
n/c - não consta



3.4.6 Pharmacy & Pharmaceutical Sciences

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
51-75	51-75	151-200	151-200	76-100	101-150	151-200	1	University of Lisbon		54,1	71,7	78,4	30,9	0
76-100	101-150	201-300	201-300	201-300	151-200	201-300	2	University of Coimbra		46,1	77,2	70,8	21,8	0
101-150	101-150	101-150	101-150	101-150	51-75	76-100	3	University of Porto		67,2	76,3	72	0	0
201-300	201-300	201-300	201-300	201-300	201-300	201-300	4	University of Aveiro		41,5	77,9	74,2	0	0
301-400	301-400	301-400	201-300	301-400	301-400	301-400	5-6	NOVA University Lisbon		38,1	72,3	79,8	0	0
301-400	301-400	301-400	401-500	n/c	n/c	n/c	5-6	University of Minho		33,3	81,9	73,2	0	0
401-500	n/c	n/c	401-500	401-500	401-500	401-500	7	University of Tras-os-Montes & Alto Douro		22,5	81,8	73,9	0	0
n/c	n/c	401-500	401-500	301-400	n/c	n/c		Universidade do Algarve						
500	500	500	500	500	500	500	7	Nº IES						

n/c - não consta

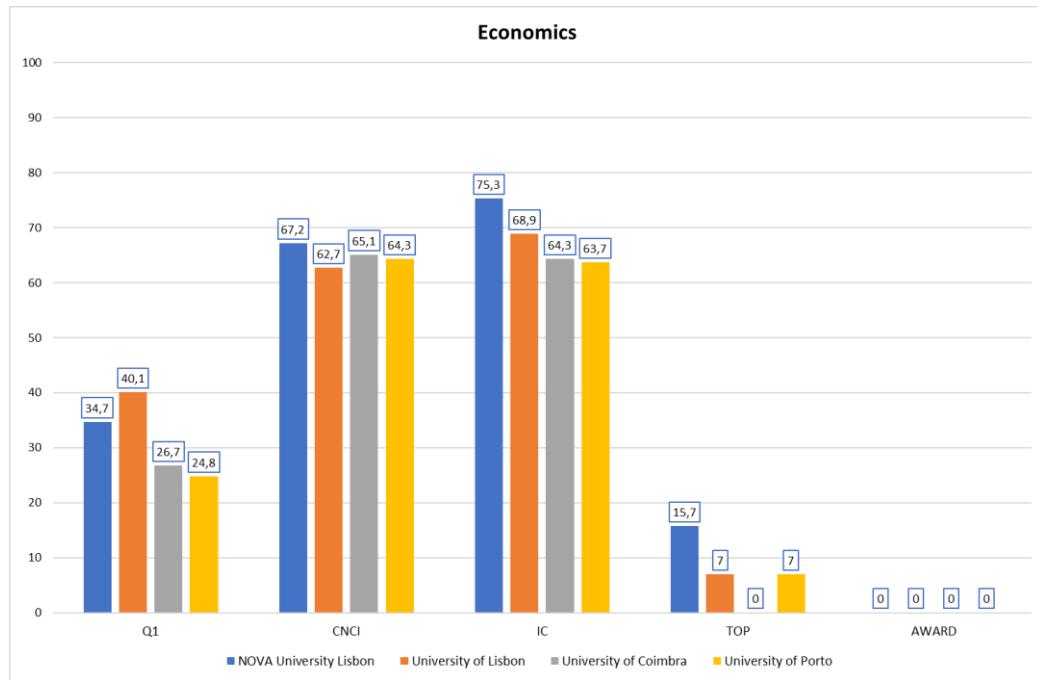


3.5 SOCIAL SCIENCES

3.5.1 Economics

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
201-300	151-200	201-300	201-300	201-300	201-300	201-300	1-2	NOVA University Lisbon		34,7	67,2	75,3	15,7	0
201-300	201-300	201-300	201-300	201-300	201-300	201-300	1-2	University of Lisbon		40,1	62,7	68,9	7	0
401-500	n/c	401-500	401-500	401-500	401-500	n/c	3-4	University of Coimbra		26,7	65,1	64,3	0	0
401-500	301-400	401-500	401-500	301-400	201-300	n/c	3-4	University of Porto		24,8	64,3	63,7	7	0
n/c	n/c	401-500	301-400	301-400	201-300	201-300		University of Minho						
500	500	500	500	500	500	300	4	Nº IES						

n/c - não consta



3.5.2 Statistics

World Rank22	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
151-200	151-200	151-200	151-200	101-150	101-150	101-150	1	University of Lisbon		24,1	83,4	87,4	16,4	0
	n/c	n/c	n/c	n/c	151-200	n/c		New University of Lisbon						
	200	200	200	200	200	200	1	Nº IES						

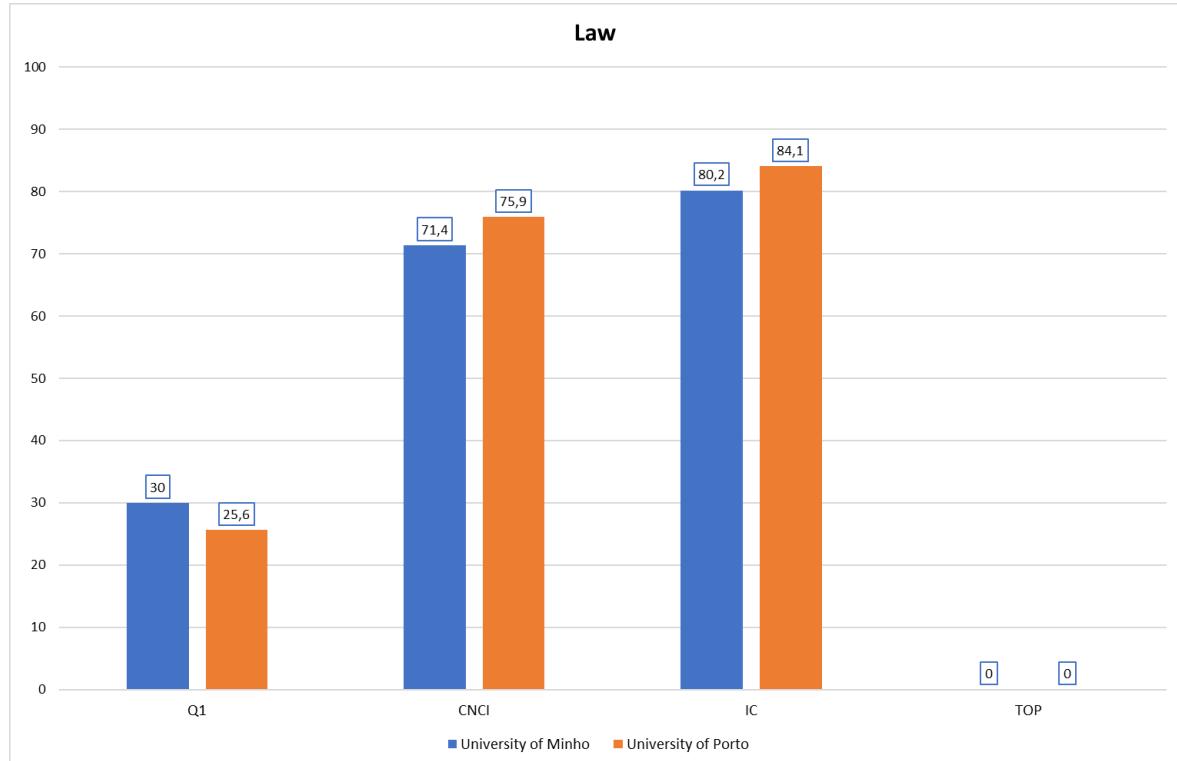
n/c - não consta

3.5.3 Law

Em 2018 e 2017, não havia nenhuma IES portuguesa entre as 200 listadas (100, em 2017).

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP
151-200	101-150	101-150	101-150	n/c	1-2	University of Minho		30	71,4	80,2	0
151-200	151-200	n/c	n/c	n/c	1-2	University of Porto		25,6	75,9	84,1	0
n/c	n/c	201-300	201-300	201-300		University of Coimbra					
300	300	300	300	300	2	Nº IES					

n/c - não consta

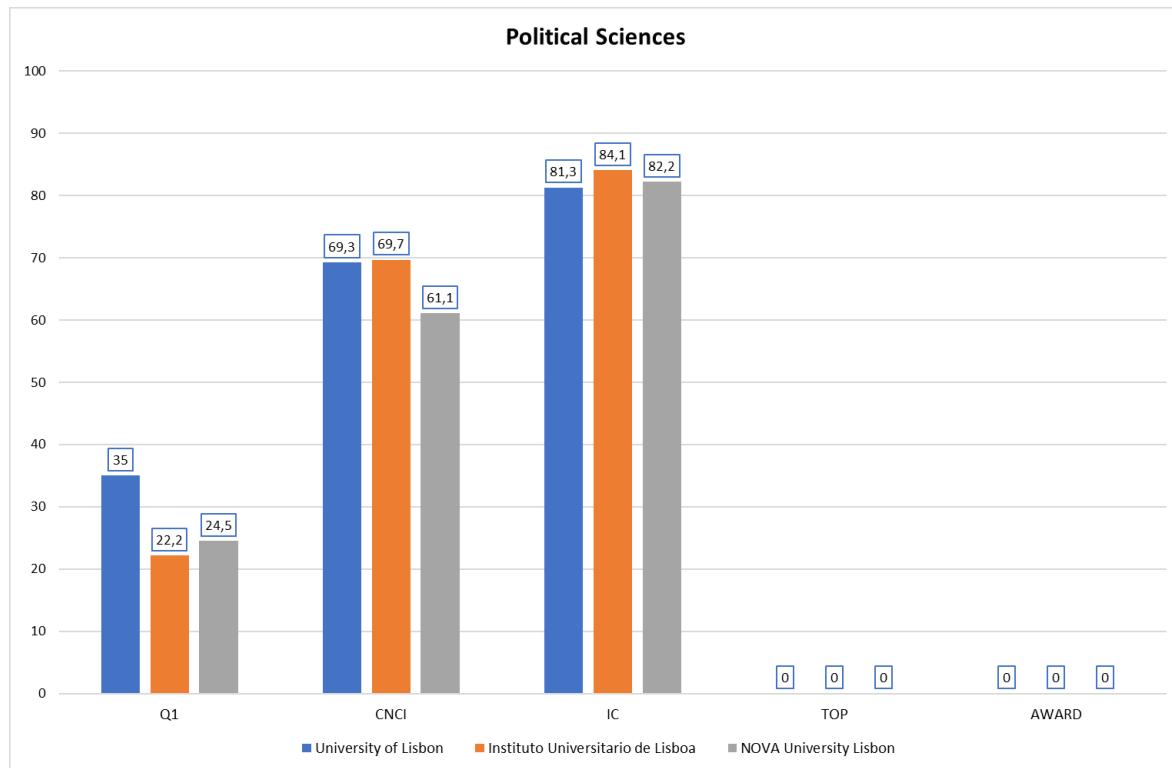


3.5.4 Political Sciences

Em 2017, não havia nenhuma IES portuguesa entre as 200 listadas.

World Rank ²³	World Rank ²²	World Rank ²¹	World Rank ²⁰	World Rank ¹⁹	World Rank ¹⁸	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
201-300	201-300	201-300	201-300	201-300	201-300	1	University of Lisbon		35	69,3	81,3	0	0
301-400	201-300	201-300	201-300	n/c	n/c	2-3	Instituto Universitario de Lisboa		22,2	69,7	84,1	0	0
301-400	151-200	151-200	151-200	151-200	201-300	2-3	NOVA University Lisbon		24,5	61,1	82,2	0	0
n/c	301-400	201-300	201-300	301-400	301-400		University of Coimbra						
n/c	301-400	301-400	301-400	n/c	n/c		University of Minho						
400	400	400	400	400	400	3	Nº IES						

n/c - não consta



3.5.5 Sociology

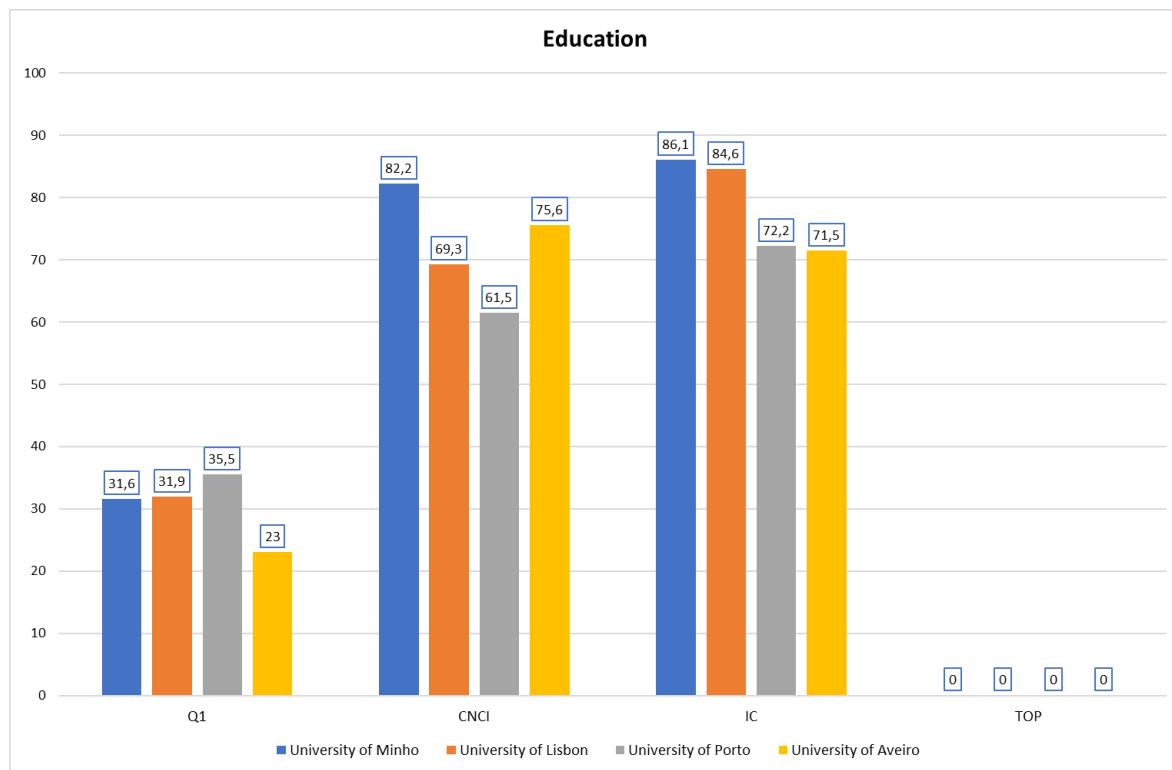
Como em 2022, 2021, 2020, 2019, 2018 e 2017, não há nenhuma IES portuguesa entre as 200 listadas (100, em 2017).

3.5.6 Education

Em 2017, não havia nenhuma IES portuguesa entre as 300 listadas.

World Rank ²³	World Rank ²²	World Rank ²¹	World Rank ²⁰	World Rank ¹⁹	World Rank ¹⁸	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP
201-300	301-400	301-400	301-400	301-400	301-400	1	University of Minho		31,6	82,2	86,1	0
301-400	301-400	301-400	n/c	301-400	201-300	2-3	University of Lisbon		31,9	69,3	84,6	0
301-400	401-500	401-500	401-500	301-400	301-400	2-3	University of Porto		35,5	61,5	72,2	0
401-500	n/c	n/c	n/c	n/c	n/c	4	University of Aveiro		23	75,6	71,5	0
n/c	n/c	n/c	n/c	n/c	401-500		University of Coimbra					
500	500	500	500	500	500	4	Nº IES					

n/c - não consta



3.5.7 Communication

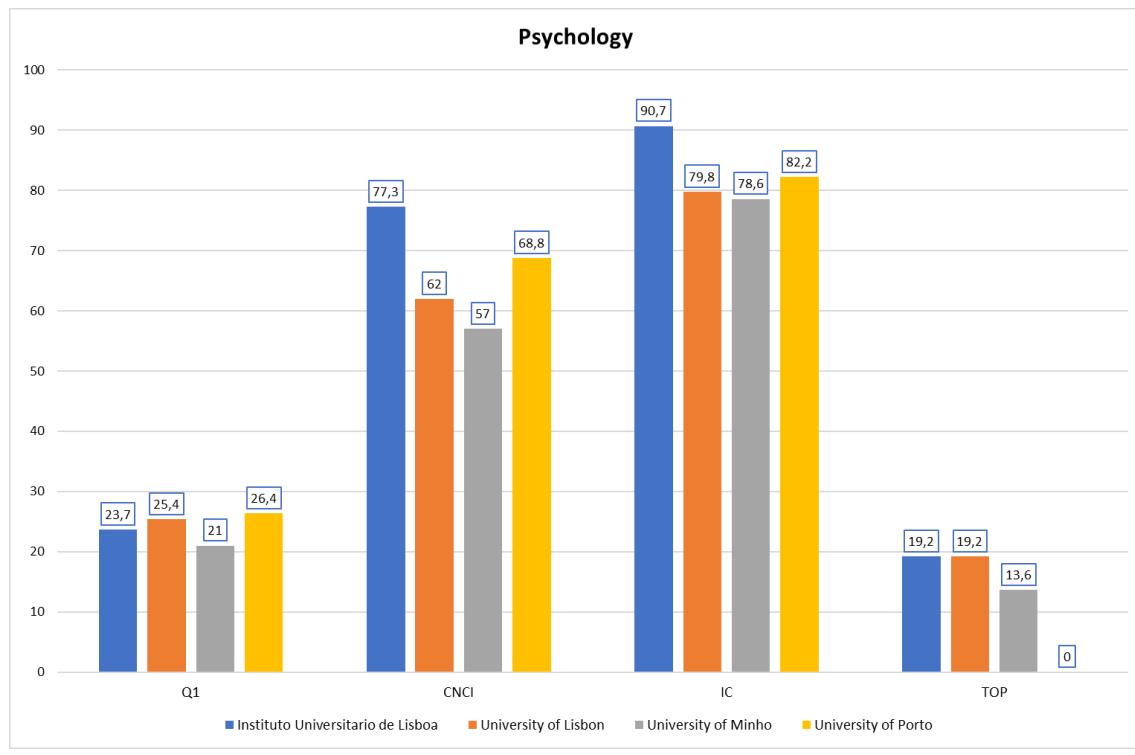
Em 2023, como em 2017, não há nenhuma IES portuguesa entre as 300 listadas (100, em 2017).

A U.Lisboa foi listada em 2018, 2020 e 2022 (201-3000); a U.Minho em 2021 e 2022 (201-300); o ISCTE em 2019 e 2021 (151-200) e em 2020 (101-150); a UNL em 2019 (151-200) e em 2018 (201-300).

3.5.8 Psychology

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP
201-300	201-300	301-400	401-500	401-500	301-400	201-300	1	Instituto Universitario de Lisboa		23,7	77,3	90,7	19,2
301-400	301-400	301-400	n/c	301-400	301-400	201-300	2	University of Lisbon		25,4	62	79,8	19,2
401-500	301-400	301-400	301-400	201-300	201-300	201-300	3-4	University of Minho		21	57	78,6	13,6
401-500	n/c	n/c	n/c	401-500	401-500	n/c	3-4	University of Porto		26,4	68,8	82,2	0
n/c	401-500	401-500	401-500	n/c	n/c	n/c		NOVA University Lisbon					
n/c	n/c	301-400	301-400	301-400	301-400	n/c		University of Coimbra					
n/c	n/c	401-500	401-500	401-500	401-500	n/c		Inst Superior Psicologia Aplicada (ISPA)					
500	500	500	500	500	500	300	4	Nº IES					

n/c - não consta

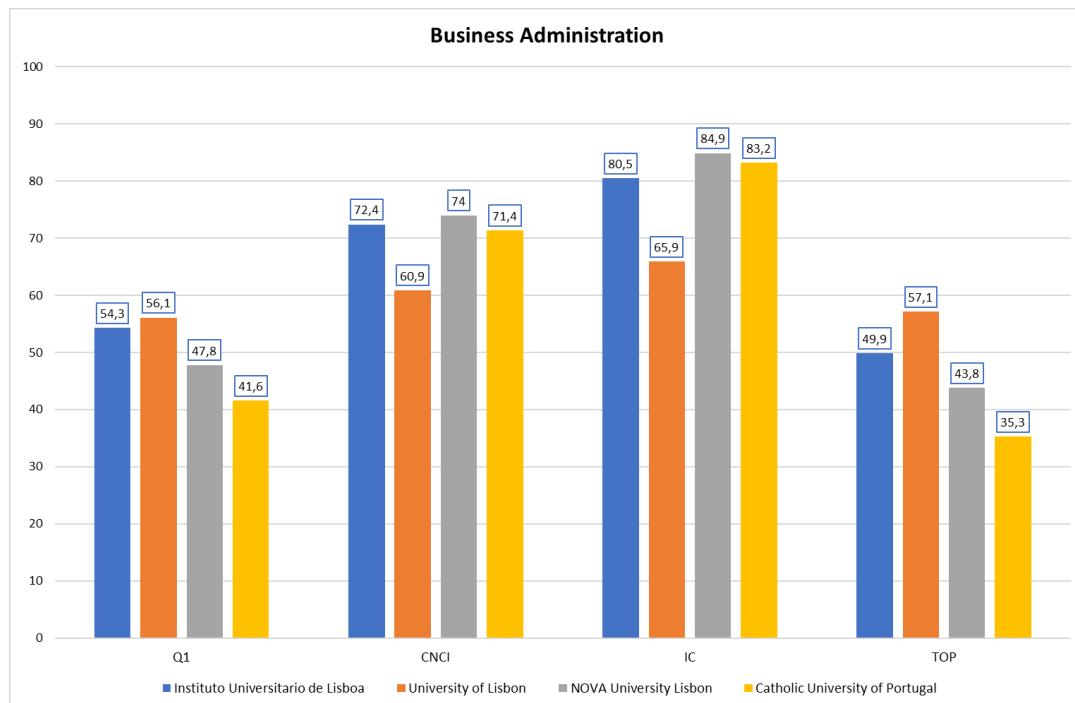


3.5.9 Business Administration

Em 2017, não havia nenhuma IES portuguesa entre as 200 listadas.

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP
101-150	201-300	151-200	201-300	201-300	301-400	1-2	Instituto Universitario de Lisboa		54,3	72,4	80,5	49,9
101-150	301-400	201-300	301-400	301-400	301-400	1-2	University of Lisbon		56,1	60,9	65,9	57,1
201-300	151-200	101-150	151-200	201-300	201-300	3	NOVA University Lisbon		47,8	74	84,9	43,8
301-400	151-200	101-150	151-200	n/c	n/c	4	Catholic University of Portugal		41,6	71,4	83,2	35,3
n/c	301-400	n/c	n/c	n/c	n/c		University of Minho		54,3	72,4	80,5	49,9
n/c	n/c	301-400	n/c	n/c	n/c		University of Beira Interior					
400	400	400	400	400	400	4	Nº IES					

n/c - não consta



3.5.10 Finance

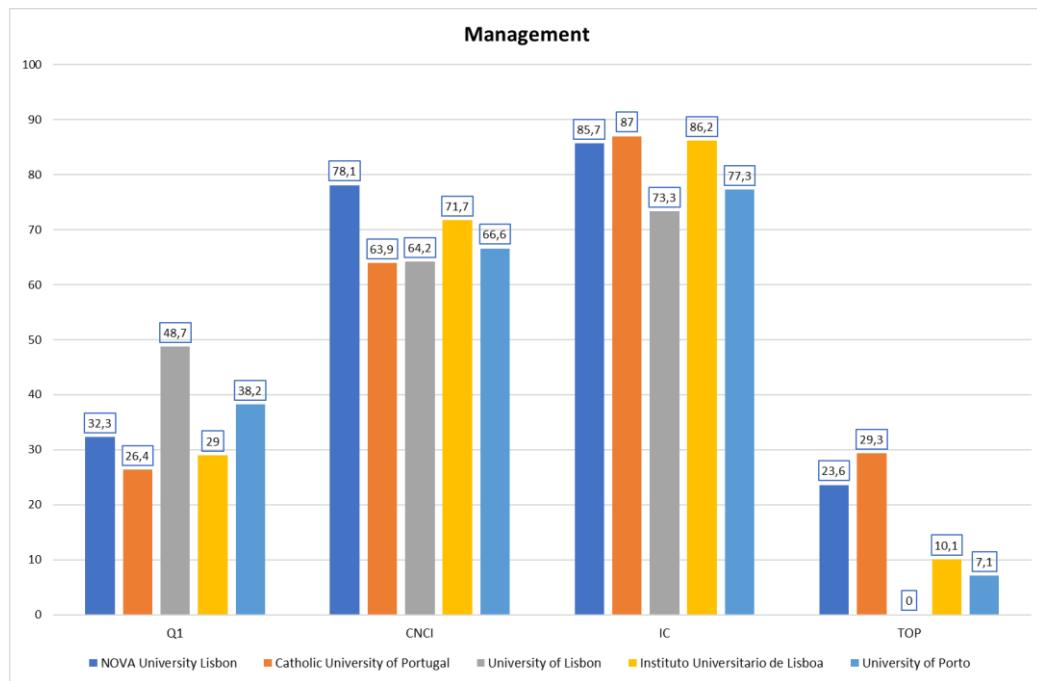
Em 2018 e 2017, não havia nenhuma IES portuguesa entre as 200 listadas.

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP
101-150	76-100	51-75	76-100	76-100	1	NOVA University Lisbon		41,2	65,0	85,3	42,6
200	200	200	200	200	1	Nº IES					

3.5.11 Management

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP
151-200	201-300	201-300	201-300	201-300	201-300	201-300	1	NOVA University Lisbon		32,3	78,1	85,7	23,6
201-300	201-300	201-300	201-300	n/c	n/c	n/c	2-3	Catholic University of Portugal		26,4	63,9	87	29,3
201-300	201-300	151-200	151-200	151-200	151-200	201-300	2-3	University of Lisbon		48,7	64,2	73,3	0
301-400	401-500	401-500	n/c	401-500	401-500	n/c	4-5	Instituto Universitario de Lisboa		29	71,7	86,2	10,1
301-400	301-400	301-400	301-400	301-400	301-400	301-400	4-5	University of Porto		38,2	66,6	77,3	7,1
n/c	n/c	n/c	401-500	401-500	301-400	301-400		University of Coimbra					
500	500	500	500	500	500	400	5	Nº IES					

n/c - não consta



3.5.12 Public Administration

Em 2018 e 2017, não houve nenhuma IES portuguesa entre as 200 listadas (100, em 2017).

World Rank23	World Rank22	World Rank21	World Rank20	World Rank19	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP
151-200	n/c	n/c	n/c	151-200	1	University of Lisbon		23,8	71,2	78,5	14,4
200	200	200	200	200	1	Nº IES					

n/c - não consta

3.5.13 Hospitality & Tourism Management

World Rank3	World Rank22	World Rank21	World Rank20	World Rank19	World Rank18	World Rank17	PT Rank	Institution	Total Score	Q1	CNCI	IC	TOP	AWARD
51-75	51-75	51-75	101-150	101-150	n/c	n/c	1	Instituto Universitario de Lisboa		28,8	82	75,1	23,1	0
76-100	76-100	76-100	76-100	51-75	101-150	n/c	2	Universidade do Algarve		25,8	75,4	83	19,4	0
151-200	101-150	151-200	151-200	n/c	n/c	n/c	3-5	NOVA University Lisbon		17	86,5	64,9	16,3	0
151-200	151-200	151-200	201-300	201-300	n/c	n/c	3-5	University of Aveiro		20,3	74,4	55,4	12,5	0
151-200	151-200	101-150	151-200	101-150	76-100	76-100	3-5	University of Lisbon		19,4	66,2	84,3	14,9	0
201-300	201-300	n/c	n/c	n/c	n/c	n/c	6-7	University of Coimbra		12	64,5	80,6	11,5	0
201-300							6-7	University of Tras-os-Montes & Alto Douro		12,7	74,5	73,6	6,7	0
n/c	201-300	201-300	n/c	n/c	n/c	n/c		University of Porto						
300	300	300	300	300	200	100	7	Nº IES						

n/c - não consta



3.5.14 Library & Information Science

Como em 2017, 2018, 2019, 2020, 2021 e 2022, não há nenhuma IES portuguesa entre as 100 listadas.

3.6 RESUMO

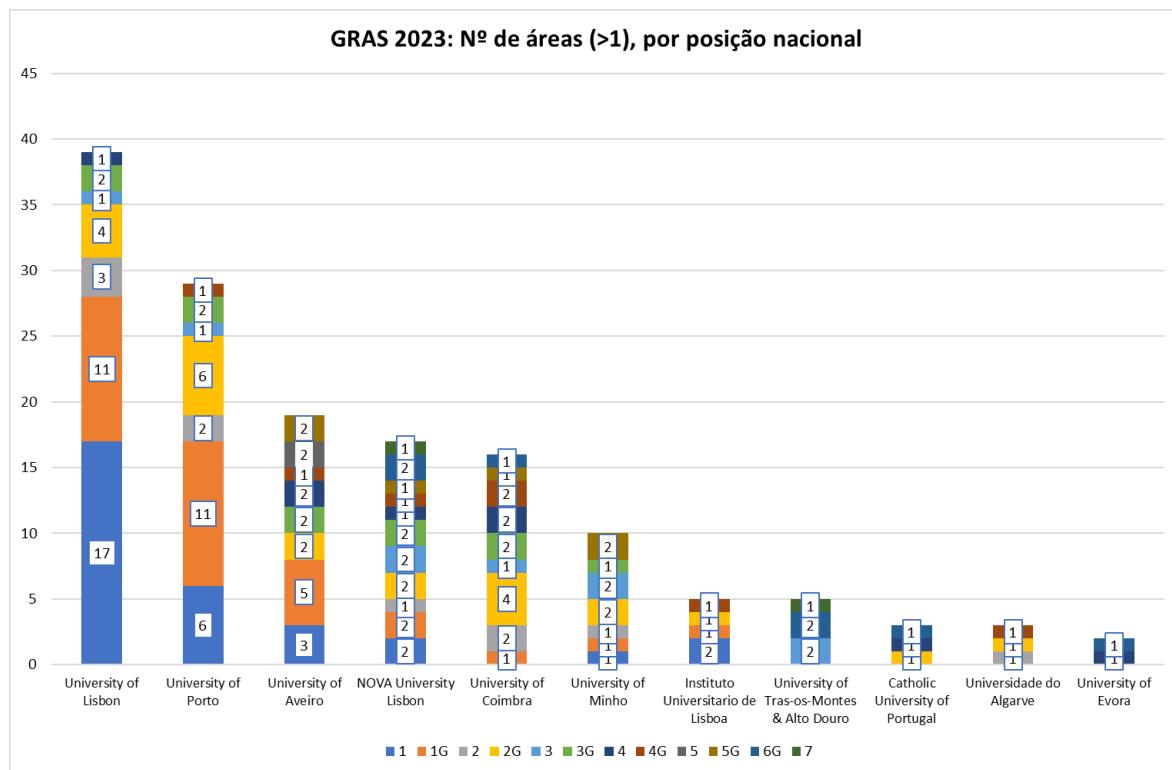
Apresenta-se em resumo as IES portuguesas presentes no ShanghaiRanking's Global Ranking of Academic Subjects 2023, indicando o número de áreas em que são listadas e a posição em que surgem a nível nacional.

	1	1G	2	2G	3	3G	4	4G	5	5G	6G	7	Total áreas
University of Lisbon	17	11	3	4	1	2	1						39
University of Porto	6	11	2	6	1	2		1					29
University of Aveiro	3	5		2		2	2	1	2	2			19
NOVA University Lisbon	2	2	1	2	2	2	1	1	1	2	1		17
University of Coimbra		1	2	4	1	2	2	2	1	1	1		16
University of Minho	1	1	1	2	2	1			2				10
Instituto Universitario de Lisboa	2	1		1				1					5
University of Tras-os-Montes & Alto Douro					2				2	1			5
Catholic University of Portugal					1		1			1			3
Universidade do Algarve		1	1					1					3
University of Evora							1				1		2
Instituto Politecnico de Braganca			1										1
Polytechnic Institute of Porto						1							1
Universidade dos Acores							1						1
University of Beira Interior									1				1

Legenda:

1, 2, ... - 1^a, 2^a, ... posição isolada

1G, 2G, ... 1^a, 2^a, ... posição em grupo



4. Anexos

4.1 Mapping between Web of Science categories and 55 academic subjects

“Mapping between Web of Science categories and 55 academic subjects

Fields	Academic Subjects	Web of Science Categories
Natural Sciences	Mathematics	Mathematics
Natural Sciences	Mathematics	Mathematics, Applied
Natural Sciences	Physics	Acoustics
Natural Sciences	Physics	Astronomy & Astrophysics
Natural Sciences	Physics	Optics
Natural Sciences	Physics	Physics, Applied
Natural Sciences	Physics	Physics, Atomic, Molecular & Chemical
Natural Sciences	Physics	Physics, Condensed Matter
Natural Sciences	Physics	Physics, Fluids & Plasmas
Natural Sciences	Physics	Physics, Mathematical
Natural Sciences	Physics	Physics, Multidisciplinary
Natural Sciences	Physics	Physics, Nuclear
Natural Sciences	Physics	Physics, Particles & Fields
Natural Sciences	Physics	Quantum Science & Technology
Natural Sciences	Chemistry	Chemistry, Analytical
Natural Sciences	Chemistry	Chemistry, Applied
Natural Sciences	Chemistry	Chemistry, Inorganic & Nuclear
Natural Sciences	Chemistry	Chemistry, Multidisciplinary
Natural Sciences	Chemistry	Chemistry, Organic
Natural Sciences	Chemistry	Chemistry, Physical
Natural Sciences	Chemistry	Crystallography
Natural Sciences	Chemistry	Electrochemistry
Natural Sciences	Chemistry	Spectroscopy
Natural Sciences	Chemistry	Polymer Science
Natural Sciences	Earth Sciences	Geochemistry & Geophysics
Natural Sciences	Earth Sciences	Geology
Natural Sciences	Earth Sciences	Geosciences, Multidisciplinary
Natural Sciences	Earth Sciences	Mineralogy
Natural Sciences	Earth Sciences	Paleontology
Natural Sciences	Geography	Area Studies
Natural Sciences	Geography	Geography
Natural Sciences	Geography	Geography, Physical
Natural Sciences	Ecology	Biodiversity Conservation
Natural Sciences	Ecology	Ecology
Natural Sciences	Oceanography	Oceanography
Natural Sciences	Atmospheric Science	Meteorology & Atmospheric Sciences
Engineering	Mechanical Engineering	Engineering, Manufacturing
Engineering	Mechanical Engineering	Engineering, Mechanical
Engineering	Electrical & Electronic Engineering	Engineering, Electrical & Electronic
Engineering	Electrical & Electronic Engineering	Imaging Science & Photographic Technology
Engineering	Automation & Control	Automation & Control Systems
Engineering	Automation & Control	Robotics
Engineering	Telecommunication Engineering	Telecommunications
Engineering	Instruments Science & Technology	Instruments & Instrumentation
Engineering	Instruments Science & Technology	Microscopy
Engineering	Biomedical Engineering	Cell & Tissue Engineering
Engineering	Biomedical Engineering	Engineering, Biomedical
Engineering	Computer Science & Engineering	Computer Science, Information Systems
Engineering	Computer Science & Engineering	Computer Science, Cybernetics

Fields	Academic Subjects	Web of Science Categories
Engineering	Computer Science & Engineering	Computer Science, Software Engineering
Engineering	Computer Science & Engineering	Computer Science, Artificial Intelligence
Engineering	Computer Science & Engineering	Computer Science, Hardware & Architecture
Engineering	Computer Science & Engineering	Computer Science, Theory & Methods
Engineering	Computer Science & Engineering	Computer Science, Interdisciplinary Applications
Engineering	Civil Engineering	Construction & Building Technology
Engineering	Civil Engineering	Engineering, Civil
Engineering	Chemical Engineering	Engineering, Chemical
Engineering	Materials Science & Engineering	Materials Science, Biomaterials
Engineering	Materials Science & Engineering	Materials Science, Ceramics
Engineering	Materials Science & Engineering	Materials Science, Characterization & Testing
Engineering	Materials Science & Engineering	Materials Science, Coatings & Films
Engineering	Materials Science & Engineering	Materials Science, Composites
Engineering	Materials Science & Engineering	Materials Science, Multidisciplinary
Engineering	Materials Science & Engineering	Materials Science, Paper & Wood
Engineering	Nanoscience & Nanotechnology	Nanoscience & Nanotechnology
Engineering	Energy Science & Engineering	Energy & Fuels
Engineering	Energy Science & Engineering	Nuclear Science & Technology
Engineering	Energy Science & Engineering	Engineering, Petroleum
Engineering	Energy Science & Engineering	Thermodynamics
Engineering	Environmental Science & Engineering	Engineering, Environmental
Engineering	Environmental Science & Engineering	Environmental Sciences
Engineering	Environmental Science & Engineering	Environmental Studies
Engineering	Water Resources	Water Resources
Engineering	Food Science & Technology	Food Science & Technology
Engineering	Biotechnology	Biotechnology & Applied Microbiology
Engineering	Aerospace Engineering	Engineering, Aerospace
Engineering	Marine/Ocean Engineering	Engineering, Marine
Engineering	Marine/Ocean Engineering	Engineering, Ocean
Engineering	Transportation Science & Technology	Transportation
Engineering	Transportation Science & Technology	Transportation Science & Technology
Engineering	Remote Sensing	Remote Sensing
Engineering	Mining & Mineral Engineering	Mining & Mineral Processing
Engineering	Metallurgical Engineering	Metallurgy & Metallurgical Engineering
Engineering	Textile Science & Engineering	Materials Science, Textiles
Life Sciences	Biological Sciences	Biochemical Research Methods
Life Sciences	Biological Sciences	Biochemistry & Molecular Biology
Life Sciences	Biological Sciences	Biology
Life Sciences	Biological Sciences	Biophysics
Life Sciences	Biological Sciences	Cell Biology
Life Sciences	Biological Sciences	Developmental Biology
Life Sciences	Biological Sciences	Entomology
Life Sciences	Biological Sciences	Evolutionary Biology
Life Sciences	Biological Sciences	Genetics & Heredity
Life Sciences	Biological Sciences	Limnology
Life Sciences	Biological Sciences	Marine & Freshwater Biology
Life Sciences	Biological Sciences	Mathematical & Computational Biology
Life Sciences	Biological Sciences	Microbiology
Life Sciences	Biological Sciences	Mycology
Life Sciences	Biological Sciences	Ornithology
Life Sciences	Biological Sciences	Physiology
Life Sciences	Biological Sciences	Plant Sciences
Life Sciences	Biological Sciences	Reproductive Biology
Life Sciences	Biological Sciences	Virology
Life Sciences	Biological Sciences	Zoology

Fields	Academic Subjects	Web of Science Categories
Life Sciences	Human Biological Sciences	Neurosciences
Life Sciences	Human Biological Sciences	Anatomy & Morphology
Life Sciences	Human Biological Sciences	Parasitology
Life Sciences	Human Biological Sciences	Pathology
Life Sciences	Human Biological Sciences	Immunology
Life Sciences	Human Biological Sciences	Medical Informatics
Life Sciences	Human Biological Sciences	Medicine, Research & Experimental
Life Sciences	Agricultural Sciences	Agronomy
Life Sciences	Agricultural Sciences	Horticulture
Life Sciences	Agricultural Sciences	Fisheries
Life Sciences	Agricultural Sciences	Soil Science
Life Sciences	Agricultural Sciences	Forestry
Life Sciences	Agricultural Sciences	Agriculture, Dairy & Animal Science
Life Sciences	Agricultural Sciences	Agriculture, Multidisciplinary
Life Sciences	Veterinary Sciences	Veterinary Sciences
Medical Sciences	Clinical Medicine	Allergy
Medical Sciences	Clinical Medicine	Andrology
Medical Sciences	Clinical Medicine	Anesthesiology
Medical Sciences	Clinical Medicine	Cardiac & Cardiovascular Systems
Medical Sciences	Clinical Medicine	Clinical Neurology
Medical Sciences	Clinical Medicine	Critical Care Medicine
Medical Sciences	Clinical Medicine	Dermatology
Medical Sciences	Clinical Medicine	Emergency Medicine
Medical Sciences	Clinical Medicine	Endocrinology & Metabolism
Medical Sciences	Clinical Medicine	Gastroenterology & Hepatology
Medical Sciences	Clinical Medicine	Geriatrics & Gerontology
Medical Sciences	Clinical Medicine	Gerontology
Medical Sciences	Clinical Medicine	Hematology
Medical Sciences	Clinical Medicine	Integrative & Complementary Medicine
Medical Sciences	Clinical Medicine	Medicine, General & Internal
Medical Sciences	Clinical Medicine	Obstetrics & Gynecology
Medical Sciences	Clinical Medicine	Oncology
Medical Sciences	Clinical Medicine	Ophthalmology
Medical Sciences	Clinical Medicine	Orthopedics
Medical Sciences	Clinical Medicine	Otorhinolaryngology
Medical Sciences	Clinical Medicine	Pediatrics
Medical Sciences	Clinical Medicine	Peripheral Vascular Disease
Medical Sciences	Clinical Medicine	Psychiatry
Medical Sciences	Clinical Medicine	Rehabilitation
Medical Sciences	Clinical Medicine	Respiratory System
Medical Sciences	Clinical Medicine	Rheumatology
Medical Sciences	Clinical Medicine	Surgery
Medical Sciences	Clinical Medicine	Transplantation
Medical Sciences	Clinical Medicine	Tropical Medicine
Medical Sciences	Clinical Medicine	Urology & Nephrology
Medical Sciences	Clinical Medicine	Audiology & Speech-Language Pathology
Medical Sciences	Public Health	Health Policy & Services
Medical Sciences	Public Health	Health Care Sciences & Services
Medical Sciences	Public Health	Infectious Diseases
Medical Sciences	Public Health	Nutrition & Dietetics
Medical Sciences	Public Health	Primary Health Care
Medical Sciences	Public Health	Public, Environmental & Occupational Health
Medical Sciences	Public Health	Social Sciences, Biomedical
Medical Sciences	Public Health	Substance Abuse
Medical Sciences	Public Health	Ergonomics
Medical Sciences	Dentistry & Oral Sciences	Dentistry, Oral Surgery & Medicine
Medical Sciences	Nursing	Nursing

Fields	Academic Subjects	Web of Science Categories
Medical Sciences	Medical Technology	Medical Laboratory Technology
Medical Sciences	Medical Technology	Neuroimaging
Medical Sciences	Medical Technology	Radiology, Nuclear Medicine & Medical Imaging
Medical Sciences	Pharmacy & Pharmaceutical Sciences	Chemistry, Medicinal
Medical Sciences	Pharmacy & Pharmaceutical Sciences	Pharmacology & Pharmacy
Medical Sciences	Pharmacy & Pharmaceutical Sciences	Toxicology
Social Sciences	Economics	Economics
Social Sciences	Statistics	Statistics & Probability
Social Sciences	Law	Criminology & Penology
Social Sciences	Law	Law
Social Sciences	Political Sciences	International Relations
Social Sciences	Political Sciences	Political Science
Social Sciences	Sociology	Sociology
Social Sciences	Education	Education & Educational Research
Social Sciences	Education	Education, Scientific Disciplines
Social Sciences	Education	Education, Special
Social Sciences	Communication	Communication
Social Sciences	Psychology	Psychology
Social Sciences	Psychology	Psychology, Applied
Social Sciences	Psychology	Psychology, Biological
Social Sciences	Psychology	Psychology, Clinical
Social Sciences	Psychology	Psychology, Developmental
Social Sciences	Psychology	Psychology, Educational
Social Sciences	Psychology	Psychology, Experimental
Social Sciences	Psychology	Psychology, Mathematical
Social Sciences	Psychology	Psychology, Multidisciplinary
Social Sciences	Psychology	Psychology, Psychoanalysis
Social Sciences	Psychology	Psychology, Social
Social Sciences	Psychology	Behavioral Sciences
Social Sciences	Business Administration	Business
Social Sciences	Business Administration	Industrial Relations & Labor
Social Sciences	Finance	Business, Finance
Social Sciences	Management	Management
Social Sciences	Management	Operations Research & Management Science
Social Sciences	Public Administration	Public Administration
Social Sciences	Hospitality & Tourism Management	Hospitality, Leisure, Sport & Tourism
Social Sciences	Library & Information Science	Information Science & Library Science

3

3 In <https://www.shanghairanking.com/methodology/gras/2023> , acedido 27 de outubro de 2023.

4.2 ShanghaiRanking Academic Excellence Survey 2023 Top Journals, Awards & Conferences

"

Academic Subject	Journal Name	ISSN	Vote Percentage
Mathematics	ANNALS OF MATHEMATICS	0003-486X	74%
Mathematics	INVENTIONES MATHEMATICAE	0020-9910	60%
Mathematics	JOURNAL OF THE AMERICAN MATHEMATICAL SOCIETY	0894-0347	53%
Physics	PHYSICAL REVIEW LETTERS	0031-9007	71%
Chemistry	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	0002-7863	79%
Chemistry	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	1433-7851	70%
Chemistry	NATURE CHEMISTRY	1755-4330	57%
Earth Sciences	NATURE GEOSCIENCE	1752-0894	64%
Earth Sciences	GEOPHYSICAL RESEARCH LETTERS	0094-8276	54%
Earth Sciences	EARTH AND PLANETARY SCIENCE LETTERS	0012-821X	54%
Geography	PROGRESS IN HUMAN GEOGRAPHY	0309-1325	57%
Geography	TRANSACTIONS OF THE INSTITUTE OF BRITISH GEOGRAPHERS	0020-2754	43%
Ecology	ECOLOGY LETTERS	1461-023X	75%
Ecology	TRENDS IN ECOLOGY & EVOLUTION	0169-5347	67%
Ecology	ANNUAL REVIEW OF ECOLOGY EVOLUTION AND SYSTEMATICS	1543-592X	42%
Oceanography	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	2169-9275	67%
Oceanography	ANNUAL REVIEW OF MARINE SCIENCE	1941-1405	67%
Oceanography	LIMNOLOGY AND OCEANOGRAPHY	0024-3590	67%
Oceanography	JOURNAL OF PHYSICAL OCEANOGRAPHY	0022-3670	67%
Oceanography	MARINE CHEMISTRY	0304-4203	56%
Oceanography	PROGRESS IN OCEANOGRAPHY	0079-6611	56%
Atmospheric Science	NATURE CLIMATE CHANGE	1758-678X	83%
Atmospheric Science	JOURNAL OF CLIMATE	0894-8755	67%
Atmospheric Science	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES	2169-897X	50%
Atmospheric Science	CLIMATE DYNAMICS	0930-7575	50%
Atmospheric Science	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	0003-0007	50%
Electrical & Electronic Engineering	PROCEEDINGS OF THE IEEE	0018-9219	55%
Automation & Control	IEEE TRANSACTIONS ON AUTOMATIC CONTROL	0018-9286	83%
Automation & Control	AUTOMATICA	0005-1098	83%
Automation & Control	IEEE TRANSACTIONS ON ROBOTICS	1552-3098	56%
Automation & Control	SIAM JOURNAL ON CONTROL AND OPTIMIZATION	0363-0129	50%
Automation & Control	INTERNATIONAL JOURNAL OF ROBOTICS RESEARCH	0278-3649	50%
Chemical Engineering	ENERGY & ENVIRONMENTAL SCIENCE	1754-5692	49%
Chemical Engineering	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	0888-5885	49%
Materials Science & Engineering	NATURE MATERIALS	1476-1122	63%
Materials Science & Engineering	ADVANCED MATERIALS	0935-9648	53%
Nanoscience & Nanotechnology	ADVANCED MATERIALS	0935-9648	90%
Nanoscience & Nanotechnology	NATURE NANOTECHNOLOGY	1748-3387	80%
Nanoscience & Nanotechnology	NANO LETTERS	1530-6984	80%
Nanoscience & Nanotechnology	ACS NANO	1936-0851	70%
Nanoscience & Nanotechnology	ADVANCED FUNCTIONAL MATERIALS	1616-301X	60%
Nanoscience & Nanotechnology	NANO TODAY	1748-0132	40%
Nanoscience & Nanotechnology	SMALL	1613-6810	40%
Energy Science & Engineering	ENERGY & ENVIRONMENTAL SCIENCE	1754-5692	80%

Academic Subject	Journal Name	ISSN	Vote Percentage
Energy Science & Engineering	JOULE	2542-4351	50%
Energy Science & Engineering	PROGRESS IN ENERGY AND COMBUSTION SCIENCE	0360-1285	50%
Energy Science & Engineering	ADVANCED ENERGY MATERIALS	1614-6832	40%
Environmental Science & Engineering	ENVIRONMENTAL SCIENCE & TECHNOLOGY	0013-936X	90%
Water Resources	WATER RESOURCES RESEARCH	0043-1397	100%
Water Resources	JOURNAL OF HYDROLOGY	0022-1694	67%
Food Science & Technology	COMPREHENSIVE REVIEWS IN FOOD SCIENCE AND FOOD SAFETY	1541-4337	40%
Food Science & Technology	TRENDS IN FOOD SCIENCE & TECHNOLOGY	0924-2244	40%
Food Science & Technology	FOOD CHEMISTRY	0308-8146	40%
Aerospace Engineering	AIAA JOURNAL	0001-1452	80%
Aerospace Engineering	JOURNAL OF SPACECRAFT AND ROCKETS	0022-4650	60%
Aerospace Engineering	JOURNAL OF PROPULSION AND POWER	0748-4658	50%
Aerospace Engineering	JOURNAL OF AIRCRAFT	0021-8669	40%
Marine/Ocean Engineering	OCEAN ENGINEERING	0029-8018	75%
Marine/Ocean Engineering	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	0892-7219	50%
Marine/Ocean Engineering	APPLIED OCEAN RESEARCH	0141-1187	50%
Remote Sensing	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	0196-2892	100%
Remote Sensing	REMOTE SENSING OF ENVIRONMENT	0034-4257	100%
Remote Sensing	ISPRS JOURNAL OF PHOTGRAMMETRY AND REMOTE SENSING	0924-2716	75%
Mining & Mineral Engineering	INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES	1365-1609	60%
Metallurgical Engineering	ACTA MATERIALIA	1359-6454	63%
Biological Sciences	CELL	0092-8674	69%
Human Biological Sciences	NATURE NEUROSCIENCE	1097-6256	50%
Human Biological Sciences	NATURE MEDICINE	1078-8956	50%
Veterinary Sciences	VETERINARY MICROBIOLOGY	0378-1135	58%
Veterinary Sciences	VETERINARY RESEARCH	0928-4249	42%
Clinical Medicine	NEW ENGLAND JOURNAL OF MEDICINE	0028-4793	76%
Clinical Medicine	LANCET	0140-6736	56%
Dentistry & Oral Sciences	JOURNAL OF DENTAL RESEARCH	0022-0345	93%
Nursing	INTERNATIONAL JOURNAL OF NURSING STUDIES	0020-7489	80%
Nursing	RESEARCH IN NURSING & HEALTH	0160-6891	70%
Medical Technology	MAGNETIC RESONANCE IN MEDICINE	0740-3194	50%
Medical Technology	JOURNAL OF NUCLEAR MEDICINE	0161-5505	50%
Pharmacy & Pharmaceutical Sciences	NATURE REVIEWS DRUG DISCOVERY	1474-1776	63%
Economics	ECONOMETRICA	0012-9682	88%
Economics	AMERICAN ECONOMIC REVIEW	0002-8282	82%
Economics	JOURNAL OF POLITICAL ECONOMY	0022-3808	75%
Economics	REVIEW OF ECONOMIC STUDIES	0034-6527	73%
Economics	QUARTERLY JOURNAL OF ECONOMICS	0033-5533	69%
Statistics	JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION	0162-1459	85%
Statistics	ANNALS OF STATISTICS	0090-5364	82%
Statistics	JOURNAL OF THE ROYAL STATISTICAL SOCIETY SERIES B-STATISTICAL METHODOLOGY	1369-7412	67%
Statistics	BIOMETRIKA	0006-3444	52%
Law	HARVARD LAW REVIEW	0017-811X	57%
Law	YALE LAW JOURNAL	0044-0094	49%
Political Sciences	AMERICAN POLITICAL SCIENCE REVIEW	0003-0554	92%
Political Sciences	INTERNATIONAL ORGANIZATION	0020-8183	67%
Political Sciences	AMERICAN JOURNAL OF POLITICAL SCIENCE	0092-5853	63%
Political Sciences	WORLD POLITICS	0043-8871	63%
Sociology	AMERICAN SOCIOLOGICAL REVIEW	0003-1224	67%
Sociology	AMERICAN JOURNAL OF SOCIOLOGY	0002-9602	58%
Education	AMERICAN EDUCATIONAL RESEARCH JOURNAL	0002-8312	60%
Education	REVIEW OF EDUCATIONAL RESEARCH	0034-6543	48%
Communication	JOURNAL OF COMMUNICATION	0021-9916	93%
Communication	HUMAN COMMUNICATION RESEARCH	0360-3989	64%
Communication	COMMUNICATION RESEARCH	0093-6502	64%
Communication	NEW MEDIA & SOCIETY	1461-4448	43%

Academic Subject	Journal Name	ISSN	Vote Percentage
Psychology	PSYCHOLOGICAL SCIENCE	0956-7976	67%
Psychology	PSYCHOLOGICAL BULLETIN	0033-2909	63%
Psychology	PSYCHOLOGICAL REVIEW	0033-295X	54%
Psychology	TRENDS IN COGNITIVE SCIENCES	1364-6613	46%
Accounting & Finance	JOURNAL OF FINANCE	0022-1082	88%
Accounting & Finance	REVIEW OF FINANCIAL STUDIES	0893-9454	83%
Accounting & Finance	JOURNAL OF FINANCIAL ECONOMICS	0304-405X	83%
Management	ACADEMY OF MANAGEMENT JOURNAL	0001-4273	68%
Management	ACADEMY OF MANAGEMENT REVIEW	0363-7425	66%
Management	MANAGEMENT SCIENCE	0025-1909	66%
Management	STRATEGIC MANAGEMENT JOURNAL	0143-2095	61%
Management	ORGANIZATION SCIENCE	1047-7039	59%
Management	ADMINISTRATIVE SCIENCE QUARTERLY	0001-8392	54%
Public Administration	JOURNAL OF PUBLIC ADMINISTRATION RESEARCH AND THEORY	1053-1858	85%
Public Administration	PUBLIC ADMINISTRATION REVIEW	0033-3352	85%
Hospitality & Tourism Management	ANNALS OF TOURISM RESEARCH	0160-7383	90%
Hospitality & Tourism Management	TOURISM MANAGEMENT	0261-5177	85%
Hospitality & Tourism Management	JOURNAL OF TRAVEL RESEARCH	0047-2875	75%
Hospitality & Tourism Management	INTERNATIONAL JOURNAL OF HOSPITALITY MANAGEMENT	0278-4319	65%
Hospitality & Tourism Management	INTERNATIONAL JOURNAL OF CONTEMPORARY HOSPITALITY MANAGEMENT	0959-6119	60%
Hospitality & Tourism Management	JOURNAL OF HOSPITALITY & TOURISM RESEARCH	1096-3480	45%
Library & Information Science	MIS QUARTERLY	0276-7783	45%

Academic Subject	Conference Name	Conference Abbreviation	Vote Percentage
Computer Science & Engineering	Conference on Neural Information Processing Systems	NeurIPS (formerly NIPS)	31
Computer Science & Engineering	ACM Symposium on Theory of Computing	STOC	24
Computer Science & Engineering	International Conference on Machine Learning	ICML	23
Computer Science & Engineering	Conference on Computer Vision and Pattern Recognition	CVPR	21
Computer Science & Engineering	INTERNATIONAL JOINT CONFERENCE ON ARTIFICIAL INTELLIGENCE	IJCAI	19
Computer Science & Engineering	ACM SIGGRAPH	SIGGRAPH	18
Computer Science & Engineering	THE AAAI CONFERENCE ON ARTIFICIAL INTELLIGENCE	AAAI	18
Computer Science & Engineering	USENIX Symposium on Operating Systems Design and Implementation	OSDI	18
Computer Science & Engineering	ACM SIGMOD Conference	SIGMOD	17
Computer Science & Engineering	IEEE Symposium on Foundations of Computer Science	FOCS	17
Computer Science & Engineering	Symposium on Principles of Programming Languages	POPL	17
Computer Science & Engineering	Programming Language Design and Implementation	PLDI	16
Computer Science & Engineering	ACM Conference on Human Factors in Computing Systems	CHI	14
Computer Science & Engineering	ACM SIGCOMM Conference	SIGCOMM	13
Computer Science & Engineering	ACM Symposium on Operating Systems Principles	SOSP	12
Computer Science & Engineering	International Conference on Architectural Support for Programming Languages and Operating Systems	ASPLOS	12
Computer Science & Engineering	International Conference on Computer Vision	ICCV	11
Computer Science & Engineering	Principles and Practice of Parallel Programming	PPoPP	11

Computer Science & Engineering	Proceedings of the VLDB Endowment	PVLDB	11
Computer Science & Engineering	ACM Special Interest Group on Knowledge Discovery and Data Mining	SIGKDD	10
Computer Science & Engineering	ACM Symposium on Principles of Distributed Computing	PODC	10
Computer Science & Engineering	Annual ACM-SIAM Symposium on Discrete Algorithms	SODA	10
Computer Science & Engineering	International Conference on Computational Learning Theory	COLT	10
Computer Science & Engineering	International Conference on Computer Aided Verification	CAV	10
Computer Science & Engineering	International Symposium on Computer Architecture	ISCA	10
Computer Science & Engineering	The ACM Conference on Computer and Communications Security	CCS	10
Computer Science & Engineering	IEEE International Conference on Robotics and Automation	ICRA	8
Computer Science & Engineering	European Symposium on Programming	ESOP	7
Computer Science & Engineering	International Cryptology Conference	CRYPTO	7
Computer Science & Engineering	ACM SIGGRAPH Asia	SIGGRAPH Asia	4
Computer Science & Engineering	Theory of Cryptography Conference	TCC	3

Academic Subject	Award	Vote Percentage
Mathematics	Fields Medal	86%
Mathematics	The Abel Prize	79%
Physics	Nobel Prize in Physics	88%
Chemistry	Nobel Prize in Chemistry	95%
Chemistry	Wolf Prize in Chemistry	55%
Chemistry	Priestley Medal	36%
Earth Sciences	Crafoord Prize in Geosciences	51%
Atmospheric Science	The Carl-Gustaf Rossby Research Medal	67%
Atmospheric Science	The Jule G. Charney Award	50%
Mechanical Engineering	ASME Medal	50%
Mechanical Engineering	Timoshenko Medal	42%
Electrical & Electronic Engineering	IEEE Medal of Honor	84%
Automation & Control	IEEE Control Systems Award	50%
Telecommunication Engineering	Marconi Prize	67%
Telecommunication Engineering	Claude E. Shannon Award	67%
Computer Science & Engineering	A. M. Turing Award	88%
Civil Engineering	International Award of Merit in Structural Engineering	18%
Chemical Engineering	Andreas Acrivos Award for Professional Progress in Chemical Engineering	49%
Materials Science & Engineering	MRS Medal Award	60%
Materials Science & Engineering	Von Hippel Award	45%
Energy Science & Engineering	Global Energy Prize	50%
Environmental Science & Engineering	Stockholm Water Prize	55%
Water Resources	ROBERT E. HORTON MEDAL	67%
Water Resources	EGU John Dalton Medal	33%
Marine/Ocean Engineering	ASME-OOAE Lifetime Achievement Award	50%
Biological Sciences	Nobel Prize in Physiology or Medicine	68%
Human Biological Sciences	Nobel Prize in Physiology or Medicine	80%

Academic Subject	Award	Vote Percentage
Clinical Medicine	Nobel Prize in Physiology or Medicine	84%
Clinical Medicine	Lasker-DeBakey Clinical Medical Research Award	36%
Dentistry & Oral Sciences	IADR Distinguished Scientist Award	57%
Nursing	Nurse Researcher Hall of Fame	50%
Medical Technology	IEEE Biomedical Engineering Award	50%
Medical Technology	ISMRM Gold Medal	75%
Pharmacy & Pharmaceutical Sciences	Nobel Prize in Physiology or Medicine	58%
Economics	The Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel	93%
Statistics	COPSS Presidents' Award	61%
Political Sciences	The Johan Skytte Prize in Political Science	71%
Hospitality & Tourism Management	Ulysses Prize	55%
Library & Information Science	ASIST Award of Merit	45%

"4

"Top journals

Subjects	Journal Name	Sources
Mathematics	ANNALS OF MATHEMATICS	Academic Excellence Survey
Mathematics	INVENTIONES MATHEMATICAE	Academic Excellence Survey
Mathematics	JOURNAL OF THE AMERICAN MATHEMATICAL SOCIETY	Academic Excellence Survey
Physics	PHYSICAL REVIEW LETTERS	Academic Excellence Survey
Chemistry	JOURNAL OF THE AMERICAN CHEMICAL SOCIETY	Academic Excellence Survey
Chemistry	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	Academic Excellence Survey
Chemistry	NATURE CHEMISTRY	Academic Excellence Survey
Earth Sciences	NATURE GEOSCIENCE	Academic Excellence Survey
Earth Sciences	GEOPHYSICAL RESEARCH LETTERS	Academic Excellence Survey
Earth Sciences	EARTH AND PLANETARY SCIENCE LETTERS	Academic Excellence Survey
Geography	PROGRESS IN HUMAN GEOGRAPHY	Academic Excellence Survey
Geography	TRANSACTIONS OF THE INSTITUTE OF BRITISH GEOGRAPHERS	Academic Excellence Survey
Ecology	ECOLOGY LETTERS	Academic Excellence Survey
Ecology	TRENDS IN ECOLOGY & EVOLUTION	Academic Excellence Survey
Ecology	ANNUAL REVIEW OF ECOLOGY EVOLUTION AND SYSTEMATICS	Academic Excellence Survey
Oceanography	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS	Academic Excellence Survey
Oceanography	ANNUAL REVIEW OF MARINE SCIENCE	Academic Excellence Survey
Oceanography	LIMNOLOGY AND OCEANOGRAPHY	Academic Excellence Survey
Oceanography	JOURNAL OF PHYSICAL OCEANOGRAPHY	Academic Excellence Survey
Oceanography	MARINE CHEMISTRY	Academic Excellence Survey
Oceanography	PROGRESS IN OCEANOGRAPHY	Academic Excellence Survey
Atmospheric Science	NATURE CLIMATE CHANGE	Academic Excellence Survey
Atmospheric Science	JOURNAL OF CLIMATE	Academic Excellence Survey
Atmospheric Science	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES	Academic Excellence Survey
Atmospheric Science	CLIMATE DYNAMICS	Academic Excellence Survey
Atmospheric Science	BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY	Academic Excellence Survey

4 In <https://www.shanghairanking.com/activities/aes>, ShanghaiRanking Academic Excellence Survey 2023, acedido 27 de outubro de 2023.

Subjects	Journal Name	Sources
Mechanical Engineering	INTERNATIONAL JOURNAL OF EXTREME MANUFACTURING	Journal Citation Report
Mechanical Engineering	INTERNATIONAL JOURNAL OF MACHINE TOOLS & MANUFACTURE	Journal Citation Report
Mechanical Engineering	JOURNAL OF MANUFACTURING SYSTEMS	Journal Citation Report
Mechanical Engineering	ADDITIVE MANUFACTURING	Journal Citation Report
Mechanical Engineering	ROBOTICS AND COMPUTER-INTEGRATED MANUFACTURING	Journal Citation Report
Mechanical Engineering	INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH	Journal Citation Report
Mechanical Engineering	MECHANICAL SYSTEMS AND SIGNAL PROCESSING	Journal Citation Report
Mechanical Engineering	JOURNAL OF INTELLIGENT MANUFACTURING	Journal Citation Report
Mechanical Engineering	FACTA UNIVERSITATIS-SERIES MECHANICAL ENGINEERING	Journal Citation Report
Mechanical Engineering	INTERNATIONAL JOURNAL OF MECHANICAL SCIENCES	Journal Citation Report
Mechanical Engineering	FRICTION	Journal Citation Report
Mechanical Engineering	APPLIED THERMAL ENGINEERING	Journal Citation Report
Mechanical Engineering	TRIBOLOGY INTERNATIONAL	Journal Citation Report
Mechanical Engineering	ENGINEERING APPLICATIONS OF COMPUTATIONAL FLUID MECHANICS	Journal Citation Report
Mechanical Engineering	INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER	Journal Citation Report
Mechanical Engineering	MECHANISM AND MACHINE THEORY	Journal Citation Report
Mechanical Engineering	INTERNATIONAL JOURNAL OF IMPACT ENGINEERING	Journal Citation Report
Mechanical Engineering	FRONTIERS OF MECHANICAL ENGINEERING	Journal Citation Report
Mechanical Engineering	CHINESE JOURNAL OF MECHANICAL ENGINEERING	Journal Citation Report
Mechanical Engineering	INTERNATIONAL JOURNAL OF PRECISION ENGINEERING AND MANUFACTURING-GREEN TECHNOLOGY	Journal Citation Report
Electrical & Electronic Engineering	PROCEEDINGS OF THE IEEE	Academic Excellence Survey
Automation & Control	IEEE TRANSACTIONS ON AUTOMATIC CONTROL	Academic Excellence Survey
Automation & Control	AUTOMATICA	Academic Excellence Survey
Automation & Control	IEEE TRANSACTIONS ON ROBOTICS	Academic Excellence Survey
Automation & Control	SIAM JOURNAL ON CONTROL AND OPTIMIZATION	Academic Excellence Survey
Automation & Control	INTERNATIONAL JOURNAL OF ROBOTICS RESEARCH	Academic Excellence Survey
Telecommunication Engineering	IEEE COMMUNICATIONS SURVEYS AND TUTORIALS	Journal Citation Report
Telecommunication Engineering	IEEE JOURNAL ON SELECTED AREAS IN COMMUNICATIONS	Journal Citation Report
Telecommunication Engineering	IEEE WIRELESS COMMUNICATIONS	Journal Citation Report
Telecommunication Engineering	IEEE COMMUNICATIONS MAGAZINE	Journal Citation Report
Telecommunication Engineering	IEEE INTERNET OF THINGS JOURNAL	Journal Citation Report
Telecommunication Engineering	IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS	Journal Citation Report
Telecommunication Engineering	IEEE NETWORK	Journal Citation Report
Telecommunication Engineering	IEEE TRANSACTIONS ON COGNITIVE COMMUNICATIONS AND NETWORKING	Journal Citation Report
Telecommunication Engineering	IEEE TRANSACTIONS ON COMMUNICATIONS	Journal Citation Report
Telecommunication Engineering	DIGITAL COMMUNICATIONS AND NETWORKS	Journal Citation Report
Telecommunication Engineering	IEEE TRANSACTIONS ON MOBILE COMPUTING	Journal Citation Report

Subjects	Journal Name	Sources
Telecommunication Engineering	IEEE TRANSACTIONS ON MULTIMEDIA	Journal Citation Report
Telecommunication Engineering	PROGRESS IN ELECTROMAGNETICS RESEARCH-PIER	Journal Citation Report
Telecommunication Engineering	VEHICULAR COMMUNICATIONS	Journal Citation Report
Telecommunication Engineering	IEEE WIRELESS COMMUNICATIONS LETTERS	Journal Citation Report
Telecommunication Engineering	COMPUTER COMMUNICATIONS	Journal Citation Report
Telecommunication Engineering	IEEE TRANSACTIONS ON EMERGING TOPICS IN COMPUTING	Journal Citation Report
Telecommunication Engineering	INTERNET OF THINGS	Journal Citation Report
Telecommunication Engineering	IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION	Journal Citation Report
Instruments Science & Technology	SENSORS AND ACTUATORS B-CHEMICAL	Journal Citation Report
Instruments Science & Technology	MICROSYSTEMS & NANOENGINEERING	Journal Citation Report
Instruments Science & Technology	IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS	Journal Citation Report
Instruments Science & Technology	ISA TRANSACTIONS	Journal Citation Report
Instruments Science & Technology	STRUCTURAL HEALTH MONITORING-AN INTERNATIONAL JOURNAL	Journal Citation Report
Instruments Science & Technology	LAB ON A CHIP	Journal Citation Report
Instruments Science & Technology	IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT	Journal Citation Report
Instruments Science & Technology	MEASUREMENT	Journal Citation Report
Instruments Science & Technology	BIOSENSORS-BASEL	Journal Citation Report
Instruments Science & Technology	STRUCTURAL CONTROL & HEALTH MONITORING	Journal Citation Report
Instruments Science & Technology	SENSORS AND ACTUATORS A-PHYSICAL	Journal Citation Report
Instruments Science & Technology	PHOTONIC SENSORS	Journal Citation Report
Instruments Science & Technology	DISPLAYS	Journal Citation Report
Instruments Science & Technology	IEEE SENSORS JOURNAL	Journal Citation Report
Instruments Science & Technology	MICROSCOPY AND MICROANALYSIS	Journal Citation Report
Instruments Science & Technology	MICROSCOPY RESEARCH AND TECHNIQUE	Journal Citation Report
Biomedical Engineering	NATURE BIOMEDICAL ENGINEERING	Journal Citation Report
Biomedical Engineering	IEEE REVIEWS IN BIOMEDICAL ENGINEERING	Journal Citation Report
Biomedical Engineering	BONE RESEARCH	Journal Citation Report
Biomedical Engineering	ANNUAL REVIEW OF BIOMEDICAL ENGINEERING	Journal Citation Report
Biomedical Engineering	INTERNATIONAL JOURNAL OF BIOPRINTING	Journal Citation Report
Biomedical Engineering	JOURNAL OF TISSUE ENGINEERING	Journal Citation Report
Biomedical Engineering	BIO-DESIGN AND MANUFACTURING	Journal Citation Report
Biomedical Engineering	COMPUTERS IN BIOLOGY AND MEDICINE	Journal Citation Report
Biomedical Engineering	BIOENGINEERING & TRANSLATIONAL MEDICINE	Journal Citation Report
Biomedical Engineering	NPJ REGENERATIVE MEDICINE	Journal Citation Report
Biomedical Engineering	BIOCYBERNETICS AND BIOMEDICAL ENGINEERING	Journal Citation Report
Biomedical Engineering	TISSUE ENGINEERING PART B-REVIEWS	Journal Citation Report

Subjects	Journal Name	Sources
Biomedical Engineering	COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE	Journal Citation Report
Biomedical Engineering	APL BIOENGINEERING	Journal Citation Report
Biomedical Engineering	STEM CELLS TRANSLATIONAL MEDICINE	Journal Citation Report
Biomedical Engineering	ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY	Journal Citation Report
Civil Engineering	SUSTAINABLE CITIES AND SOCIETY	Journal Citation Report
Civil Engineering	AUTOMATION IN CONSTRUCTION	Journal Citation Report
Civil Engineering	DEVELOPMENTS IN THE BUILT ENVIRONMENT	Journal Citation Report
Civil Engineering	BUILDING AND ENVIRONMENT	Journal Citation Report
Civil Engineering	JOURNAL OF MANAGEMENT IN ENGINEERING	Journal Citation Report
Civil Engineering	TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY	Journal Citation Report
Civil Engineering	ENERGY AND BUILDINGS	Journal Citation Report
Civil Engineering	JOURNAL OF BUILDING ENGINEERING	Journal Citation Report
Civil Engineering	UNDERGROUND SPACE	Journal Citation Report
Civil Engineering	STRUCTURAL SAFETY	Journal Citation Report
Civil Engineering	BUILDING SIMULATION	Journal Citation Report
Civil Engineering	ENGINEERING STRUCTURES	Journal Citation Report
Civil Engineering	JOURNAL OF CONSTRUCTION ENGINEERING AND MANAGEMENT	Journal Citation Report
Civil Engineering	JOURNAL OF WIND ENGINEERING AND INDUSTRIAL AERODYNAMICS	Journal Citation Report
Civil Engineering	ARCHIVES OF CIVIL AND MECHANICAL ENGINEERING	Journal Citation Report
Civil Engineering	JOURNAL OF CIVIL STRUCTURAL HEALTH MONITORING	Journal Citation Report
Civil Engineering	JOURNAL OF CIVIL ENGINEERING AND MANAGEMENT	Journal Citation Report
Chemical Engineering	ENERGY & ENVIRONMENTAL SCIENCE	Academic Excellence Survey
Chemical Engineering	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	Academic Excellence Survey
Materials Science & Engineering	NATURE MATERIALS	Academic Excellence Survey
Materials Science & Engineering	ADVANCED MATERIALS	Academic Excellence Survey
Nanoscience & Nanotechnology	ADVANCED MATERIALS	Academic Excellence Survey
Nanoscience & Nanotechnology	NATURE NANOTECHNOLOGY	Academic Excellence Survey
Nanoscience & Nanotechnology	NANO LETTERS	Academic Excellence Survey
Nanoscience & Nanotechnology	ACS NANO	Academic Excellence Survey
Nanoscience & Nanotechnology	ADVANCED FUNCTIONAL MATERIALS	Academic Excellence Survey
Nanoscience & Nanotechnology	NANO TODAY	Academic Excellence Survey
Nanoscience & Nanotechnology	SMALL	Academic Excellence Survey
Energy Science & Engineering	ENERGY & ENVIRONMENTAL SCIENCE	Academic Excellence Survey
Energy Science & Engineering	JOULE	Academic Excellence Survey
Energy Science & Engineering	PROGRESS IN ENERGY AND COMBUSTION SCIENCE	Academic Excellence Survey
Energy Science & Engineering	ADVANCED ENERGY MATERIALS	Academic Excellence Survey
Environmental Science & Engineering	ENVIRONMENTAL SCIENCE & TECHNOLOGY	Academic Excellence Survey
Water Resources	WATER RESOURCES RESEARCH	Academic Excellence Survey
Water Resources	JOURNAL OF HYDROLOGY	Academic Excellence Survey
Food Science & Technology	COMPREHENSIVE REVIEWS IN FOOD SCIENCE AND FOOD SAFETY	Academic Excellence Survey

Subjects	Journal Name	Sources
Food Science & Technology	TRENDS IN FOOD SCIENCE & TECHNOLOGY	Academic Excellence Survey
Food Science & Technology	FOOD CHEMISTRY	Academic Excellence Survey
Biotechnology	NATURE BIOTECHNOLOGY	Journal Citation Report
Biotechnology	TRENDS IN BIOTECHNOLOGY	Journal Citation Report
Biotechnology	BIOTECHNOLOGY ADVANCES	Journal Citation Report
Biotechnology	PLANT BIOTECHNOLOGY JOURNAL	Journal Citation Report
Biotechnology	BIORESOURCE TECHNOLOGY	Journal Citation Report
Biotechnology	CRITICAL REVIEWS IN BIOTECHNOLOGY	Journal Citation Report
Biotechnology	METABOLIC ENGINEERING	Journal Citation Report
Biotechnology	CURRENT OPINION IN BIOTECHNOLOGY	Journal Citation Report
Biotechnology	MICROBIAL CELL FACTORIES	Journal Citation Report
Biotechnology	BIOTECHNOLOGY FOR BIOFUELS	Journal Citation Report
Biotechnology	BIOMASS & BIOENERGY	Journal Citation Report
Biotechnology	BIOINFORMATICS	Journal Citation Report
Biotechnology	MICROBIAL BIOTECHNOLOGY	Journal Citation Report
Biotechnology	JOURNAL OF BIOLOGICAL ENGINEERING	Journal Citation Report
Biotechnology	NEW BIOTECHNOLOGY	Journal Citation Report
Biotechnology	ALGAL RESEARCH-BIOMASS BIOFUELS AND BIOPRODUCTS	Journal Citation Report
Biotechnology	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	Journal Citation Report
Biotechnology	BIOENGINEERED	Journal Citation Report
Biotechnology	SYNTHETIC AND SYSTEMS BIOTECHNOLOGY	Journal Citation Report
Aerospace Engineering	AIAA JOURNAL	Academic Excellence Survey
Aerospace Engineering	JOURNAL OF SPACECRAFT AND ROCKETS	Academic Excellence Survey
Aerospace Engineering	JOURNAL OF PROPULSION AND POWER	Academic Excellence Survey
Aerospace Engineering	JOURNAL OF AIRCRAFT	Academic Excellence Survey
Marine/Ocean Engineering	OCEAN ENGINEERING	Academic Excellence Survey
Marine/Ocean Engineering	JOURNAL OF OFFSHORE MECHANICS AND ARCTIC ENGINEERING-TRANSACTIONS OF THE ASME	Academic Excellence Survey
Marine/Ocean Engineering	APPLIED OCEAN RESEARCH	Academic Excellence Survey
Transportation Science & Technology	JOURNAL OF PUBLIC TRANSPORTATION	Journal Citation Report
Transportation Science & Technology	ETRANSPORTATION	Journal Citation Report
Transportation Science & Technology	TRANSPORTATION RESEARCH PART E-LOGISTICS AND TRANSPORTATION REVIEW	Journal Citation Report
Transportation Science & Technology	TRANSPORT REVIEWS	Journal Citation Report
Transportation Science & Technology	IEEE TRANSACTIONS ON INTELLIGENT TRANSPORTATION SYSTEMS	Journal Citation Report
Transportation Science & Technology	TRANSPORTATION RESEARCH PART C-EMERGING TECHNOLOGIES	Journal Citation Report
Transportation Science & Technology	IEEE TRANSACTIONS ON INTELLIGENT VEHICLES	Journal Citation Report
Transportation Science & Technology	TRANSPORTATION RESEARCH PART D-TRANSPORT AND ENVIRONMENT	Journal Citation Report
Transportation Science & Technology	IEEE TRANSACTIONS ON TRANSPORTATION ELECTRIFICATION	Journal Citation Report
Transportation Science & Technology	TRANSPORT POLICY	Journal Citation Report
Transportation Science & Technology	TRANSPORTATION RESEARCH PART B-METHODOLOGICAL	Journal Citation Report
Transportation Science & Technology	TRANSPORTATION RESEARCH PART A-POLICY AND PRACTICE	Journal Citation Report

Subjects	Journal Name	Sources
Remote Sensing	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING	Academic Excellence Survey
Remote Sensing	REMOTE SENSING OF ENVIRONMENT	Academic Excellence Survey
Remote Sensing	ISPRS JOURNAL OF PHOTGRAMMETRY AND REMOTE SENSING	Academic Excellence Survey
Mining & Mineral Engineering	INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES	Academic Excellence Survey
Metallurgical Engineering	ACTA MATERIALIA	Academic Excellence Survey
Textile Science and Engineering	ADVANCED FIBER MATERIALS	Journal Citation Report
Textile Science and Engineering	JOURNAL OF NATURAL FIBERS	Journal Citation Report
Textile Science and Engineering	JOURNAL OF INDUSTRIAL TEXTILES	Journal Citation Report
Textile Science and Engineering	JOURNAL OF ENGINEERED FIBERS AND FABRICS	Journal Citation Report
Biological Sciences	CELL	Academic Excellence Survey
Human Biological Sciences	NATURE NEUROSCIENCE	Academic Excellence Survey
Human Biological Sciences	NATURE MEDICINE	Academic Excellence Survey
Agricultural Sciences	REVIEWS IN FISHERIES SCIENCE & AQUACULTURE	Journal Citation Report
Agricultural Sciences	REVIEWS IN AQUACULTURE	Journal Citation Report
Agricultural Sciences	SOIL BIOLOGY & BIOCHEMISTRY	Journal Citation Report
Agricultural Sciences	CURRENT FORESTRY REPORTS	Journal Citation Report
Agricultural Sciences	HORTICULTURE RESEARCH	Journal Citation Report
Agricultural Sciences	COMPUTERS AND ELECTRONICS IN AGRICULTURE	Journal Citation Report
Agricultural Sciences	AGRONOMY FOR SUSTAINABLE DEVELOPMENT	Journal Citation Report
Agricultural Sciences	JOURNAL OF ANIMAL SCIENCE AND BIOTECHNOLOGY	Journal Citation Report
Agricultural Sciences	POSTHARVEST BIOLOGY AND TECHNOLOGY	Journal Citation Report
Agricultural Sciences	SOIL	Journal Citation Report
Agricultural Sciences	FISH AND FISHERIES	Journal Citation Report
Agricultural Sciences	AGRICULTURAL WATER MANAGEMENT	Journal Citation Report
Agricultural Sciences	AGRICULTURAL SYSTEMS	Journal Citation Report
Agricultural Sciences	CHEMICAL AND BIOLOGICAL TECHNOLOGIES IN AGRICULTURE	Journal Citation Report
Agricultural Sciences	AGRICULTURE ECOSYSTEMS & ENVIRONMENT	Journal Citation Report
Agricultural Sciences	CROP JOURNAL	Journal Citation Report
Agricultural Sciences	SOIL & TILLAGE RESEARCH	Journal Citation Report
Agricultural Sciences	BIOLOGY AND FERTILITY OF SOILS	Journal Citation Report
Agricultural Sciences	ANIMAL NUTRITION	Journal Citation Report
Agricultural Sciences	PRECISION AGRICULTURE	Journal Citation Report
Agricultural Sciences	AGRICULTURAL AND FOREST METEOROLOGY	Journal Citation Report
Agricultural Sciences	CATENA	Journal Citation Report
Agricultural Sciences	GEODERMA	Journal Citation Report
Agricultural Sciences	ANNALS OF AGRICULTURAL SCIENCES	Journal Citation Report
Agricultural Sciences	FIELD CROPS RESEARCH	Journal Citation Report
Agricultural Sciences	HORTICULTURAL PLANT JOURNAL	Journal Citation Report
Agricultural Sciences	PEDOSPHERE	Journal Citation Report
Agricultural Sciences	RICE	Journal Citation Report
Agricultural Sciences	EUROPEAN JOURNAL OF AGRONOMY	Journal Citation Report
Agricultural Sciences	PLANT AND SOIL	Journal Citation Report

Subjects	Journal Name	Sources
Agricultural Sciences	JOURNAL OF INTEGRATIVE AGRICULTURE	Journal Citation Report
Agricultural Sciences	RICE SCIENCE	Journal Citation Report
Agricultural Sciences	AGRICULTURE AND HUMAN VALUES	Journal Citation Report
Agricultural Sciences	AQUACULTURE	Journal Citation Report
Agricultural Sciences	POULTRY SCIENCE	Journal Citation Report
Agricultural Sciences	SCIENTIA HORTICULTURAE	Journal Citation Report
Agricultural Sciences	PEST MANAGEMENT SCIENCE	Journal Citation Report
Agricultural Sciences	FOREST ECOSYSTEMS	Journal Citation Report
Agricultural Sciences	GENETICS SELECTION EVOLUTION	Journal Citation Report
Agricultural Sciences	JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE	Journal Citation Report
Agricultural Sciences	TREE PHYSIOLOGY	Journal Citation Report
Agricultural Sciences	FOREST POLICY AND ECONOMICS	Journal Citation Report
Agricultural Sciences	FOREST ECOLOGY AND MANAGEMENT	Journal Citation Report
Agricultural Sciences	AQUACULTURE REPORTS	Journal Citation Report
Agricultural Sciences	ANIMAL BIOTECHNOLOGY	Journal Citation Report
Agricultural Sciences	AGRONOMY-BASEL	Journal Citation Report
Agricultural Sciences	ANIMAL FRONTIERS	Journal Citation Report
Agricultural Sciences	ANIMAL	Journal Citation Report
Agricultural Sciences	AGRICULTURE-BASEL	Journal Citation Report
Agricultural Sciences	JOURNAL OF DAIRY SCIENCE	Journal Citation Report
Agricultural Sciences	JOURNAL OF AGRONOMY AND CROP SCIENCE	Journal Citation Report
Agricultural Sciences	AQUACULTURE NUTRITION	Journal Citation Report
Agricultural Sciences	INTERNATIONAL JOURNAL OF AGRICULTURAL SUSTAINABILITY	Journal Citation Report
Agricultural Sciences	JOURNAL OF ANIMAL SCIENCE	Journal Citation Report
Agricultural Sciences	ANIMAL FEED SCIENCE AND TECHNOLOGY	Journal Citation Report
Agricultural Sciences	CROATIAN JOURNAL OF FOREST ENGINEERING	Journal Citation Report
Agricultural Sciences	JOURNAL OF LAND USE SCIENCE	Journal Citation Report
Agricultural Sciences	INTERNATIONAL JOURNAL OF WILDLAND FIRE	Journal Citation Report
Agricultural Sciences	HORTICULTURAE	Journal Citation Report
Agricultural Sciences	MOLECULAR BREEDING	Journal Citation Report
Agricultural Sciences	GESUNDE PFLANZEN	Journal Citation Report
Agricultural Sciences	ANIMALS	Journal Citation Report
Agricultural Sciences	ANNALS OF FOREST SCIENCE	Journal Citation Report
Agricultural Sciences	OUTLOOK ON AGRICULTURE	Journal Citation Report
Agricultural Sciences	IRRIGATION SCIENCE	Journal Citation Report
Agricultural Sciences	DENDROCHRONOLOGIA	Journal Citation Report
Agricultural Sciences	JOURNAL OF FORESTRY RESEARCH	Journal Citation Report
Agricultural Sciences	DEVELOPMENTAL AND COMPARATIVE IMMUNOLOGY	Journal Citation Report
Agricultural Sciences	FORESTS	Journal Citation Report
Agricultural Sciences	TURKISH JOURNAL OF AGRICULTURE AND FORESTRY	Journal Citation Report
Agricultural Sciences	AQUACULTURE INTERNATIONAL	Journal Citation Report
Agricultural Sciences	POTATO RESEARCH	Journal Citation Report
Agricultural Sciences	JOURNAL OF ANIMAL PHYSIOLOGY AND ANIMAL NUTRITION	Journal Citation Report
Agricultural Sciences	WORLDS POULTRY SCIENCE JOURNAL	Journal Citation Report
Agricultural Sciences	JOURNAL OF ANIMAL BREEDING AND GENETICS	Journal Citation Report

Subjects	Journal Name	Sources
Agricultural Sciences	TREE GENETICS & GENOMES	Journal Citation Report
Agricultural Sciences	HORTICULTURE ENVIRONMENT AND BIOTECHNOLOGY	Journal Citation Report
Agricultural Sciences	INTERNATIONAL JOURNAL OF FRUIT SCIENCE	Journal Citation Report
Veterinary Sciences	VETERINARY MICROBIOLOGY	Academic Excellence Survey
Veterinary Sciences	VETERINARY RESEARCH	Academic Excellence Survey
Clinical Medicine	NEW ENGLAND JOURNAL OF MEDICINE	Academic Excellence Survey
Clinical Medicine	LANCET	Academic Excellence Survey
Public Health	LANCET INFECTIOUS DISEASES	Journal Citation Report
Public Health	LANCET PUBLIC HEALTH	Journal Citation Report
Public Health	LANCET MICROBE	Journal Citation Report
Public Health	LANCET GLOBAL HEALTH	Journal Citation Report
Public Health	MMWR-MORBIDITY AND MORTALITY WEEKLY REPORT	Journal Citation Report
Public Health	MMWR RECOMMENDATIONS AND REPORTS	Journal Citation Report
Public Health	JOURNAL OF INFECTION	Journal Citation Report
Public Health	JOURNAL OF TRAVEL MEDICINE	Journal Citation Report
Public Health	LANCET PLANETARY HEALTH	Journal Citation Report
Public Health	MMWR SURVEILLANCE SUMMARIES	Journal Citation Report
Public Health	ANNUAL REVIEW OF PUBLIC HEALTH	Journal Citation Report
Public Health	EUROSURVEILLANCE	Journal Citation Report
Public Health	LANCET HIV	Journal Citation Report
Public Health	NPJ DIGITAL MEDICINE	Journal Citation Report
Public Health	CLINICAL MICROBIOLOGY AND INFECTION	Journal Citation Report
Public Health	EUROPEAN JOURNAL OF EPIDEMIOLOGY	Journal Citation Report
Public Health	EMERGING MICROBES & INFECTIONS	Journal Citation Report
Public Health	AMERICAN JOURNAL OF PUBLIC HEALTH	Journal Citation Report
Public Health	TRAVEL MEDICINE AND INFECTIOUS DISEASE	Journal Citation Report
Public Health	CLINICAL INFECTIOUS DISEASES	Journal Citation Report
Public Health	EMERGING INFECTIOUS DISEASES	Journal Citation Report
Public Health	BULLETIN OF THE WORLD HEALTH ORGANIZATION	Journal Citation Report
Public Health	GLOBALIZATION AND HEALTH	Journal Citation Report
Public Health	ENVIRONMENTAL HEALTH PERSPECTIVES	Journal Citation Report
Public Health	HEALTH AFFAIRS	Journal Citation Report
Public Health	ALCOHOL RESEARCH-CURRENT REVIEWS	Journal Citation Report
Public Health	ADVANCES IN NUTRITION	Journal Citation Report
Public Health	ANNUAL REVIEW OF NUTRITION	Journal Citation Report
Public Health	CURRENT OBESITY REPORTS	Journal Citation Report
Public Health	JMIR PUBLIC HEALTH AND SURVEILLANCE	Journal Citation Report
Public Health	INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES	Journal Citation Report
Public Health	BMJ GLOBAL HEALTH	Journal Citation Report
Public Health	INFECTIOUS DISEASES OF POVERTY	Journal Citation Report
Public Health	CURRENT ENVIRONMENTAL HEALTH REPORTS	Journal Citation Report
Public Health	INTERNATIONAL JOURNAL OF EPIDEMIOLOGY	Journal Citation Report
Public Health	JOURNAL OF ADOLESCENT HEALTH	Journal Citation Report
Public Health	INFECTION	Journal Citation Report
Public Health	JOURNAL OF MEDICAL INTERNET RESEARCH	Journal Citation Report

Subjects	Journal Name	Sources
Public Health	JOURNAL OF MICROBIOLOGY IMMUNOLOGY AND INFECTION	Journal Citation Report
Public Health	JOURNAL OF EPIDEMIOLOGY AND GLOBAL HEALTH	Journal Citation Report
Public Health	IMPLEMENTATION SCIENCE	Journal Citation Report
Public Health	JOURNAL OF CLINICAL EPIDEMIOLOGY	Journal Citation Report
Public Health	JOURNAL OF GLOBAL HEALTH	Journal Citation Report
Public Health	JOURNAL OF TOXICOLOGY AND ENVIRONMENTAL HEALTH-PART B-CRITICAL REVIEWS	Journal Citation Report
Public Health	AMERICAN JOURNAL OF CLINICAL NUTRITION	Journal Citation Report
Public Health	LANCET REGIONAL HEALTH-WESTERN PACIFIC	Journal Citation Report
Public Health	PROCEEDINGS OF THE NUTRITION SOCIETY	Journal Citation Report
Public Health	JOURNAL OF HOSPITAL INFECTION	Journal Citation Report
Public Health	OBESITY	Journal Citation Report
Public Health	JOURNAL OF INFECTION AND PUBLIC HEALTH	Journal Citation Report
Public Health	JOURNAL OF URBAN HEALTH-BULLETIN OF THE NEW YORK ACADEMY OF MEDICINE	Journal Citation Report
Public Health	MILBANK QUARTERLY	Journal Citation Report
Public Health	JOURNAL OF INFECTIOUS DISEASES	Journal Citation Report
Public Health	CLINICAL NUTRITION	Journal Citation Report
Public Health	JOURNAL OF EPIDEMIOLOGY AND COMMUNITY HEALTH	Journal Citation Report
Public Health	SCANDINAVIAN JOURNAL OF WORK ENVIRONMENT & HEALTH	Journal Citation Report
Public Health	NUTRITION REVIEWS	Journal Citation Report
Public Health	ENVIRONMENTAL HEALTH	Journal Citation Report
Public Health	HEALTH POLICY AND TECHNOLOGY	Journal Citation Report
Public Health	INTERNATIONAL JOURNAL OF HYGIENE AND ENVIRONMENTAL HEALTH	Journal Citation Report
Public Health	JOURNAL OF THE INTERNATIONAL AIDS SOCIETY	Journal Citation Report
Public Health	SEXUAL AND REPRODUCTIVE HEALTH MATTERS	Journal Citation Report
Public Health	JOURNAL OF COMMUNITY HEALTH	Journal Citation Report
Public Health	NUTRIENTS	Journal Citation Report
Public Health	INFECTIOUS DISEASES	Journal Citation Report
Public Health	JOURNAL OF NUTRITION HEALTH & AGING	Journal Citation Report
Public Health	MICROBES AND INFECTION	Journal Citation Report
Public Health	PERSPECTIVES IN PUBLIC HEALTH	Journal Citation Report
Public Health	NUTRITION RESEARCH REVIEWS	Journal Citation Report
Public Health	ANNALS OF EPIDEMIOLOGY	Journal Citation Report
Public Health	AMERICAN JOURNAL OF PREVENTIVE MEDICINE	Journal Citation Report
Public Health	ANTIMICROBIAL RESISTANCE AND INFECTION CONTROL	Journal Citation Report
Public Health	EPIDEMIOLOGIC REVIEWS	Journal Citation Report
Public Health	JOURNAL OF ADDICTION MEDICINE	Journal Citation Report
Public Health	PREVENTING CHRONIC DISEASE	Journal Citation Report
Public Health	BMJ QUALITY & SAFETY	Journal Citation Report
Public Health	EPIDEMOLOGY	Journal Citation Report
Public Health	SOCIAL SCIENCE & MEDICINE	Journal Citation Report
Public Health	JOURNAL OF MEDICAL SYSTEMS	Journal Citation Report
Public Health	FRONTIERS IN PUBLIC HEALTH	Journal Citation Report
Public Health	PUBLIC HEALTH	Journal Citation Report
Public Health	TOBACCO CONTROL	Journal Citation Report

Subjects	Journal Name	Sources
Public Health	OCCUPATIONAL MEDICINE-OXFORD	Journal Citation Report
Public Health	PREVENTIVE MEDICINE	Journal Citation Report
Public Health	AMERICAN JOURNAL OF EPIDEMIOLOGY	Journal Citation Report
Public Health	HEALTH REPORTS	Journal Citation Report
Public Health	JMIR MHEALTH AND UHEALTH	Journal Citation Report
Public Health	ONE HEALTH	Journal Citation Report
Public Health	AIDS PATIENT CARE AND STDs	Journal Citation Report
Public Health	AMERICAN JOURNAL OF INFECTION CONTROL	Journal Citation Report
Public Health	INTERNATIONAL JOURNAL OF HEALTH GEOGRAPHICS	Journal Citation Report
Public Health	JOURNAL OF RURAL HEALTH	Journal Citation Report
Public Health	OCCUPATIONAL AND ENVIRONMENTAL MEDICINE	Journal Citation Report
Public Health	HEALTH & PLACE	Journal Citation Report
Public Health	INTERNATIONAL JOURNAL FOR EQUITY IN HEALTH	Journal Citation Report
Public Health	LGBT HEALTH	Journal Citation Report
Public Health	CHINA CDC WEEKLY	Journal Citation Report
Public Health	ENVIRONMENTAL HEALTH AND PREVENTIVE MEDICINE	Journal Citation Report
Public Health	JOURNAL OF TELEMEDICINE AND TELECARE	Journal Citation Report
Public Health	NICOTINE & TOBACCO RESEARCH	Journal Citation Report
Public Health	SSM-POPULATION HEALTH	Journal Citation Report
Public Health	TELEMEDICINE AND E-HEALTH	Journal Citation Report
Public Health	INTERNATIONAL JOURNAL OF PUBLIC HEALTH	Journal Citation Report
Public Health	DISABILITY AND HEALTH JOURNAL	Journal Citation Report
Public Health	HUMAN RESOURCES FOR HEALTH	Journal Citation Report
Public Health	ISRAEL JOURNAL OF HEALTH POLICY RESEARCH	Journal Citation Report
Public Health	VALUE IN HEALTH	Journal Citation Report
Public Health	AIDS AND BEHAVIOR	Journal Citation Report
Public Health	ANNALS OF FAMILY MEDICINE	Journal Citation Report
Public Health	EUROPEAN JOURNAL OF PUBLIC HEALTH	Journal Citation Report
Public Health	HARM REDUCTION JOURNAL	Journal Citation Report
Public Health	INTERNATIONAL JOURNAL OF DRUG POLICY	Journal Citation Report
Public Health	INTERNATIONAL PERSPECTIVES ON SEXUAL AND REPRODUCTIVE HEALTH	Journal Citation Report
Public Health	JOURNAL OF PUBLIC HEALTH	Journal Citation Report
Public Health	PALLIATIVE MEDICINE	Journal Citation Report
Public Health	CURRENT ADDICTION REPORTS	Journal Citation Report
Public Health	JOURNAL OF HEALTH POLITICS POLICY AND LAW	Journal Citation Report
Public Health	HEALTH SYSTEMS & REFORM	Journal Citation Report
Public Health	AMERICAN FAMILY PHYSICIAN	Journal Citation Report
Public Health	HEALTH RESEARCH POLICY AND SYSTEMS	Journal Citation Report
Public Health	DIGITAL HEALTH	Journal Citation Report
Public Health	HEALTH COMMUNICATION	Journal Citation Report
Public Health	JOURNAL OF PUBLIC HEALTH POLICY	Journal Citation Report
Public Health	PSYCHIATRIC SERVICES	Journal Citation Report
Dentistry & Oral Sciences	JOURNAL OF DENTAL RESEARCH	Academic Excellence Survey
Nursing	INTERNATIONAL JOURNAL OF NURSING STUDIES	Academic Excellence Survey
Nursing	RESEARCH IN NURSING & HEALTH	Academic Excellence Survey

Subjects	Journal Name	Sources
Medical Technology	MAGNETIC RESONANCE IN MEDICINE	Academic Excellence Survey
Medical Technology	JOURNAL OF NUCLEAR MEDICINE	Academic Excellence Survey
Pharmacy & Pharmaceutical Sciences	NATURE REVIEWS DRUG DISCOVERY	Academic Excellence Survey
Economics	ECONOMETRICA	Academic Excellence Survey
Economics	AMERICAN ECONOMIC REVIEW	Academic Excellence Survey
Economics	JOURNAL OF POLITICAL ECONOMY	Academic Excellence Survey
Economics	REVIEW OF ECONOMIC STUDIES	Academic Excellence Survey
Economics	QUARTERLY JOURNAL OF ECONOMICS	Academic Excellence Survey
Statistics	JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION	Academic Excellence Survey
Statistics	ANNALS OF STATISTICS	Academic Excellence Survey
Statistics	JOURNAL OF THE ROYAL STATISTICAL SOCIETY SERIES B-STATISTICAL METHODOLOGY	Academic Excellence Survey
Statistics	BIOMETRIKA	Academic Excellence Survey
Law	HARVARD LAW REVIEW	Academic Excellence Survey
Law	YALE LAW JOURNAL	Academic Excellence Survey
Political Sciences	AMERICAN POLITICAL SCIENCE REVIEW	Academic Excellence Survey
Political Sciences	INTERNATIONAL ORGANIZATION	Academic Excellence Survey
Political Sciences	AMERICAN JOURNAL OF POLITICAL SCIENCE	Academic Excellence Survey
Political Sciences	WORLD POLITICS	Academic Excellence Survey
Sociology	AMERICAN SOCIOLOGICAL REVIEW	Academic Excellence Survey
Sociology	AMERICAN JOURNAL OF SOCIOLOGY	Academic Excellence Survey
Education	AMERICAN EDUCATIONAL RESEARCH JOURNAL	Academic Excellence Survey
Education	REVIEW OF EDUCATIONAL RESEARCH	Academic Excellence Survey
Communication	JOURNAL OF COMMUNICATION	Academic Excellence Survey
Communication	HUMAN COMMUNICATION RESEARCH	Academic Excellence Survey
Communication	COMMUNICATION RESEARCH	Academic Excellence Survey
Communication	NEW MEDIA & SOCIETY	Academic Excellence Survey
Psychology	PSYCHOLOGICAL SCIENCE	Academic Excellence Survey
Psychology	PSYCHOLOGICAL BULLETIN	Academic Excellence Survey
Psychology	PSYCHOLOGICAL REVIEW	Academic Excellence Survey
Psychology	TRENDS IN COGNITIVE SCIENCES	Academic Excellence Survey
Business Administration	JOURNAL OF THE ACADEMY OF MARKETING SCIENCE	Journal Citation Report
Business Administration	JOURNAL OF INNOVATION & KNOWLEDGE	Journal Citation Report
Business Administration	HARVARD BUSINESS REVIEW	Journal Citation Report
Business Administration	JOURNAL OF MARKETING	Journal Citation Report
Business Administration	JOURNAL OF SERVICE RESEARCH	Journal Citation Report
Business Administration	JOURNAL OF INTERACTIVE MARKETING	Journal Citation Report
Business Administration	JOURNAL OF INTERNATIONAL BUSINESS STUDIES	Journal Citation Report
Business Administration	JOURNAL OF BUSINESS RESEARCH	Journal Citation Report
Business Administration	ENTREPRENEURSHIP THEORY AND PRACTICE	Journal Citation Report
Business Administration	JOURNAL OF RETAILING AND CONSUMER SERVICES	Journal Citation Report
Business Administration	INDUSTRIAL MARKETING MANAGEMENT	Journal Citation Report

Subjects	Journal Name	Sources
Business Administration	JOURNAL OF RETAILING	Journal Citation Report
Business Administration	INTERNATIONAL JOURNAL OF CONSUMER STUDIES	Journal Citation Report
Business Administration	JOURNAL OF WORLD BUSINESS	Journal Citation Report
Business Administration	FAMILY BUSINESS REVIEW	Journal Citation Report
Business Administration	SUPPLY CHAIN MANAGEMENT-AN INTERNATIONAL JOURNAL	Journal Citation Report
Business Administration	INTERNATIONAL BUSINESS REVIEW	Journal Citation Report
Business Administration	JOURNAL OF BUSINESS VENTURING	Journal Citation Report
Business Administration	ELECTRONIC MARKETS	Journal Citation Report
Business Administration	JOURNAL OF RESEARCH IN INTERACTIVE MARKETING	Journal Citation Report
Business Administration	JOURNAL OF PUBLIC POLICY & MARKETING	Journal Citation Report
Business Administration	HUMAN RESOURCE MANAGEMENT JOURNAL	Journal Citation Report
Business Administration	JOURNAL OF HUMAN RESOURCES	Journal Citation Report
Business Administration	INTERNATIONAL JOURNAL OF MANPOWER	Journal Citation Report
Business Administration	PERSONNEL REVIEW	Journal Citation Report
Business Administration	JOURNAL OF LABOR ECONOMICS	Journal Citation Report
Business Administration	WORK AGING AND RETIREMENT	Journal Citation Report
Business Administration	WORK EMPLOYMENT AND SOCIETY	Journal Citation Report
Accounting & Finance	JOURNAL OF FINANCE	Academic Excellence Survey
Accounting & Finance	REVIEW OF FINANCIAL STUDIES	Academic Excellence Survey
Accounting & Finance	JOURNAL OF FINANCIAL ECONOMICS	Academic Excellence Survey
Management	ACADEMY OF MANAGEMENT JOURNAL	Academic Excellence Survey
Management	ACADEMY OF MANAGEMENT REVIEW	Academic Excellence Survey
Management	MANAGEMENT SCIENCE	Academic Excellence Survey
Management	STRATEGIC MANAGEMENT JOURNAL	Academic Excellence Survey
Management	ORGANIZATION SCIENCE	Academic Excellence Survey
Management	ADMINISTRATIVE SCIENCE QUARTERLY	Academic Excellence Survey
Public Administration	JOURNAL OF PUBLIC ADMINISTRATION RESEARCH AND THEORY	Academic Excellence Survey
Public Administration	PUBLIC ADMINISTRATION REVIEW	Academic Excellence Survey
Hospitality & Tourism Management	ANNALS OF TOURISM RESEARCH	Academic Excellence Survey
Hospitality & Tourism Management	Tourism Management	Academic Excellence Survey
Hospitality & Tourism Management	JOURNAL OF TRAVEL RESEARCH	Academic Excellence Survey
Hospitality & Tourism Management	INTERNATIONAL JOURNAL OF HOSPITALITY MANAGEMENT	Academic Excellence Survey
Hospitality & Tourism Management	INTERNATIONAL JOURNAL OF CONTEMPORARY HOSPITALITY MANAGEMENT	Academic Excellence Survey
Hospitality & Tourism Management	JOURNAL OF HOSPITALITY & TOURISM RESEARCH	Academic Excellence Survey
Library & Information Science	MIS QUARTERLY	Academic Excellence Survey

" 5

⁵ Retirado de <https://www.shanghairanking.com/methodology/gras/2023> em 27 de outubro de 2023.