

University Ranking by Academic Performance

Edição 2022-2023

O University Ranking by Academic Performance (URAP) é publicado anualmente pelo Informatics Institute at the Middle East Technical University, Ankara, desde 2009, e o ranking *by subject* desde 2011.

1.METODOLOGIA

Baseia-se inteiramente em dados bibliométricos públicos provenientes do InCites da WOS.

Os seis indicadores são os seguintes:

- Articles; Current scientific productivity 2021 (21%)
- Citations; Research impact 2017-2021 (10%)
- Total document; Scientific productivity 2017-2021 (21%)
- Article impact total; Research quality 2017-2021 (18%)
- Citation impact total; Research quality 2017-2021 (15%)
- International collaboration; international acceptance. 2017-2021 (15%).

Para outras informações, nomeadamente as fórmulas de cálculo remete-se para <https://urapcenter.org/Methodology>.

2.RESULTADOS

Os rankings mundiais incluem atualmente 3000 universidades. Os Field-Based Rankings abrangem atualmente 80 disciplinas.

O presente ranking revela, a nível global, um panorama fortemente polarizado entre a China (31 lugares de topo) e os EUA (28). As universidades chinesas dominam a engenharia e a tecnologia, enquanto Harvard continua a ser hegemónica nas ciências da vida e medicina.

A nível Europeu, a Universidade de Oxford está em primeiro lugar em seis *fields* e a Universidade de Amesterdão em quatro.

Em áreas de intervenção do Técnico, a Universidade de Lisboa é líder nacional em 18 das 23 áreas consideradas.

Tabela 1: Architecture (250 IES classificadas)

WR	University	Articles	Citations	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
28	U Lisboa	72,03	74,45	35,68	54,62	63,81	52,64	353,23
60	U Minho	67,35	67,26	32,62	55,62	57,65	47,12	327,63
115	U Porto	64,70	64,44	32,17	48,23	55,24	37,18	301,96
122	U Coimbra	64,76	63,51	30,83	46,88	54,44	37,19	297,59
203	UNL	35,82	43,45	14,67	30,49	37,24	33,83	195,50
234	U Aveiro	31,50	31,72	15,33	36,41	27,19	19,58	161,73

Tabela 2: Artificial Intelligence (250 IES classificadas)

No	University	Article	Citation	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
153	U Lisboa	64,75	53,67	33,38	50,33	46,01	16,23	264,37
184	U Porto	40,39	48,53	31,41	46,91	41,60	18,56	227,40
233	U Coimbra	35,06	23,33	30,20	45,31	20,00	7,03	160,92

Tabela 3: Astronomy & Astrophysics (250 IES classificadas)

WR	University	Articles	Citations	Total Docs	Inter Collab	Article Impact	Citation Impact	Total
82	U Lisboa	67,30	67,67	32,36	48,17	57,99	47,96	321,44
144	U Porto	63,73	56,46	27,92	45,72	48,27	31,24	273,34

Tabela 4: Biomedical Engineering (250 IES classificadas)

WR	University	Articles	Citations	Total Docs	Inter Collab	Article Impact	Citation Impact	Total
81	U Porto	66,42	65,24	35,02	49,85	55,92	41,37	313,83
89	U Minho	63,88	65,78	31,93	47,53	56,38	46,34	311,83
151	U Lisboa	47,49	56,92	31,40	47,24	48,79	28,47	260,31

Tabela 5: Chemical Engineering (1000 IES classificadas)

WR	University	Articles	Citations	Total Docus	Inter Collab	Article Impact	Citation Impact	Total
147	U Lisboa	71,91	67,66	34,45	55,93	58,00	46,67	334,63
156	U Porto	70,75	67,42	34,23	55,16	57,79	46,57	331,92
187	U Aveiro	68,43	66,08	32,63	53,99	56,64	46,23	324,01
297	U Minho	65,22	64,60	31,43	50,13	55,37	45,60	312,36
309	U Coimbra	65,76	63,99	31,65	49,51	54,85	45,09	310,86
357	UNL	64,45	63,92	30,68	47,88	54,79	45,40	307,12
667	Inst Polit Porto	46,84	40,13	23,96	39,30	35,38	24,76	210,37

Tabela 6: Chemical Sciences (1500 IES classificadas)

WR	University	Articles	Citations	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
131	U Lisboa	77,03	69,81	37,55	59,72	59,84	46,90	350,86
160	U Porto	75,03	69,92	36,88	56,68	59,93	47,15	345,59
256	U Aveiro	70,46	67,11	33,71	52,81	57,52	46,39	327,99
319	U Coimbra	68,80	65,76	33,35	51,34	56,37	45,70	321,31
383	UNL	67,50	65,07	32,38	50,23	55,78	45,55	316,51
434	U Minho	65,95	64,86	31,55	49,17	55,59	45,67	312,77
653	Inst Pol Porto	63,77	63,05	30,79	46,50	54,35	39,23	297,69
1170	Inst Pol Braganca	11,03	31,64	6,40	32,44	27,12	32,29	140,93
1304	U Algarve	7,41	21,70	6,11	32,02	18,60	17,72	103,56

Tabela 7: Civil Engineering (500 IES classificadas)

WR	University	Articles	Citations	Total Docs	Inter Collab	Article Impact	Citation Impact	Total
29	U Lisboa	76,22	76,55	37,01	60,34	65,62	53,71	369,45
112	U Porto	66,48	66,46	32,71	51,01	56,97	46,07	319,70
168	U Minho	64,84	64,97	31,01	49,35	55,69	46,05	311,91
193	U Coimbra	64,92	64,20	31,01	47,86	55,03	45,09	308,11
255	U Aveiro	63,11	60,71	30,13	45,87	52,04	36,56	288,42
371	UNL	39,17	42,39	18,47	31,99	36,33	29,39	197,74

Tabela 8: Earth Sciences (750 IES classificadas)

WR	University	Articles	Citations	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
77	U Lisboa	73,96	76,34	35,40	57,42	63,78	50,72	357,63
343	U Porto	63,99	63,78	30,83	47,00	54,57	40,71	300,87
377	U Coimbra	63,58	63,00	30,45	46,56	54,00	33,54	291,14
396	U Aveiro	63,06	57,60	29,36	45,74	49,37	38,31	283,45
476	U Algarve	46,50	44,76	20,48	45,38	38,36	31,77	227,26
560	UNL	29,86	34,20	16,38	34,13	29,31	23,32	167,20
680	U Evora	13,92	20,66	7,72	27,32	17,71	15,71	103,05

Tabela 9: Electrical and Electronics Engineering (1000 IES classificadas)

WR	University	Articles	Citations	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
162	U Lisboa	69,09	66,33	33,68	53,48	56,85	45,95	325,38
236	U Aveiro	66,45	65,55	31,70	49,81	56,19	46,20	315,90
253	U Porto	65,85	65,06	32,11	49,96	55,76	45,60	314,35
418	U Coimbra	63,86	63,38	30,77	46,84	54,33	39,41	298,59
447	U Minho	63,00	63,01	30,09	45,45	54,00	38,26	293,81
587	UNL	52,25	51,77	28,06	45,21	44,27	30,58	252,13
882	UBI	1,72	30,39	9,84	31,87	25,99	25,30	125,10

Tabela 10: Engineering (1500 IES classificadas)

WR	University	Articles	Citations	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
85	U Lisboa	74,88	72,15	36,37	61,28	61,84	49,48	356,00
102	U Porto	72,76	71,89	35,36	58,21	61,62	49,98	349,82
219	U Aveiro	67,70	67,52	32,39	52,07	57,88	47,82	325,38
255	U Minho	66,64	66,88	32,15	50,84	57,32	47,33	321,15
313	U Coimbra	66,64	65,44	32,08	50,38	56,09	45,94	316,57
427	UNL	64,86	64,69	30,94	47,40	55,45	45,99	309,32
760	Inst Pol Porto	46,27	59,98	30,08	45,23	51,33	38,16	271,04
774	UBI	37,46	63,02	23,52	45,29	54,01	45,14	268,44
846	Inst Pol Braganca	32,33	56,84	15,75	45,18	48,65	45,27	244,01
1131	UTAD	25,35	34,26	12,99	23,92	29,32	29,16	155,00

Tabela 11: Environmental Engineering (750 IES classificadas)

WR	University	Article	Citation	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
37	U Lisboa	81,44	74,48	39,85	68,56	63,84	49,56	377,74
80	U Porto	74,61	71,60	36,53	59,98	61,37	48,86	352,95
84	U Aveiro	75,08	70,70	35,96	59,51	60,60	48,39	350,24
229	U Coimbra	66,87	64,94	32,23	50,47	55,66	45,45	315,63
294	UNL	64,24	64,20	30,60	46,62	55,02	45,68	306,36
564	U Minho	36,96	33,00	25,61	39,24	28,29	16,61	179,71
658	UTAD	21,50	28,54	9,46	22,15	24,46	22,28	128,38
664	U Algarve	19,45	21,15	11,03	40,77	18,13	13,66	124,19

Tabela 12: Industrial and Manufacturing Engineering (250 IES classificadas)

WR	University	Articles	Citations	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
105	U Lisboa	65,50	65,14	32,48	50,39	55,84	40,48	309,84
173	U Minho	9,32	64,24	32,13	47,85	55,06	36,06	244,65
196	U Porto	35,82	44,94	31,46	50,27	38,52	17,40	218,41
246	U Coimbra	12,78	32,68	22,20	38,92	28,01	17,91	152,49
248	UNL	8,17	36,56	19,11	32,99	31,34	23,96	152,14

Tabela 13: Information & Computing Sciences (750 IES classificadas)

WR	University	Article	Citation	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
151	U Lisboa	69,54	65,98	35,44	54,01	56,55	45,18	326,70
251	U Porto	65,49	64,57	32,95	49,45	55,34	42,39	310,20
275	U Aveiro	64,26	64,12	31,78	48,04	54,95	44,07	307,23
354	U Coimbra	63,99	63,18	31,71	47,39	54,16	26,23	286,66
452	UNL	42,40	51,22	30,25	45,20	43,84	26,06	238,97
522	U Minho	29,05	41,66	31,15	45,60	35,66	12,78	195,90

Tabela 14: Materials Science (1000 IES classificadas)

WR	University	Articles	Citations	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
185	U Minho	68,12	66,57	33,15	53,28	57,06	46,30	324,48
186	U Aveiro	68,61	66,00	32,95	54,06	56,56	45,96	324,14
198	U Porto	68,69	65,85	33,40	52,31	56,44	45,72	322,42
202	U Lisboa	69,25	65,70	33,22	51,65	56,31	45,68	321,81
362	U Coimbra	64,54	63,56	30,97	47,17	54,48	45,02	305,74
380	UNL	63,73	63,72	30,38	46,75	54,61	45,35	304,53

Tabela 15: *Mathematical Sciences (1000 IES classificadas)*

WR	University	Articles	Citations	Total Docs	Inter Collab	Article Impact	Citation Impact	Total
80	U Lisboa	81,94	72,27	39,47	59,36	61,94	47,35	362,33
316	U Porto	66,86	64,72	32,75	48,61	55,47	45,13	313,55
357	U Coimbra	64,73	64,71	31,50	47,92	55,46	45,49	309,81
407	U Aveiro	63,66	63,89	30,58	46,67	54,75	45,27	304,82
655	Inst Pol Porto	16,83	58,35	15,49	30,21	49,87	45,27	216,02
657	UNL	44,59	40,63	28,59	45,07	34,72	21,67	215,26
747	U Minho	27,89	35,39	30,18	37,33	30,25	15,98	177,01

Tabela 16: *Mechanical Engineering (1000 IES classificadas)*

WR	University	Articles	Citations	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
143	U Lisboa	70,61	67,23	33,89	54,92	57,61	46,52	330,78
177	U Porto	68,37	66,33	33,35	53,58	56,84	46,06	324,53
256	U Aveiro	66,03	64,95	31,44	50,73	55,66	45,85	314,66
328	U Minho	64,48	64,30	31,02	48,25	55,10	45,51	308,65
392	UNL	63,33	63,43	30,08	45,88	54,36	45,29	302,37
420	U Coimbra	64,40	63,36	30,93	47,46	54,30	36,42	296,87
870	Inst Pol Porto	12,48	29,84	13,08	23,10	25,34	20,65	124,48

Tabela 17: *Nanoscience & Nanomaterials (500 IES classificadas)*

WR	University	Article	Citation	Total Docs	Intl Colab	Article Impact	Citation Impact	Total
287	U Aveiro	56,68	52,55	27,72	46,73	45,04	31,54	260,27
291	U Minho	32,41	61,57	21,91	45,45	52,77	45,09	259,19
405	U Porto	35,24	34,62	20,23	40,10	29,67	19,37	179,23
440	U Lisboa	27,96	25,74	14,55	39,55	22,06	14,75	144,60
497	UNL	10,16	24,73	6,93	27,95	21,19	18,92	109,89

Tabela 18: *Physical Sciences (1000 IES classificadas)*

WR	University	Articles	Citations	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
115	U Lisboa	75,55	73,83	36,55	54,18	63,28	48,78	352,16
277	U Porto	67,47	66,77	31,98	48,46	57,23	46,23	318,14
311	U Coimbra	66,73	65,55	32,36	47,86	56,18	45,57	314,26
328	U Aveiro	66,33	65,54	31,21	48,01	56,17	45,75	313,01
646	U Minho	47,32	40,50	30,26	42,13	34,70	24,48	219,38
709	UNL	35,08	33,04	30,00	35,79	28,31	21,24	183,46

Tabela 19: Polymer Science (300 IES classificadas)

WR	University	Articles	Citations	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
88	U Minho	65,39	65,81	31,49	56,43	56,41	46,67	322,21
201	U Aveiro	42,11	52,98	21,67	46,73	45,41	39,70	248,60
219	U Porto	44,52	46,16	23,92	46,39	39,56	30,42	230,97
238	U Coimbra	19,68	50,08	14,37	45,06	42,93	42,66	214,78
287	U Lisboa	26,89	29,35	17,18	45,06	25,16	17,67	161,30
295	UNL	7,67	36,84	9,03	39,24	31,58	30,78	155,14

Tabela 20: Robotics & Intelligent Systems (300 IES classificadas)

WR	University	Articles	Citations	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
161	U Lisboa	64,83	57,67	33,33	51,01	49,43	20,24	276,51
214	U Porto	40,21	46,04	31,38	47,05	39,47	18,54	222,69
248	U Coimbra	41,24	29,94	30,21	46,21	25,66	11,33	184,59

Tabela 21: Sustainable & Renewable Energy (250 IES classificadas)

WR	University	Articles	Citations	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
23	U Lisboa	83,21	80,14	41,20	72,78	68,69	53,88	399,91
73	U Aveiro	68,38	68,43	33,15	54,14	58,66	48,04	330,81
85	U Porto	66,54	65,15	34,32	58,30	55,85	37,34	317,51
167	UNL	34,32	63,22	20,03	37,14	54,19	46,46	255,38
235	U Minho	27,06	34,44	27,39	40,07	29,52	16,55	175,04
236	U Coimbra	24,65	34,26	30,06	41,17	29,37	15,50	175,01

Tabela 22: Technology (1500 IES classificadas)

WR	University	Articles	Citations	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
126	U Lisboa	73,76	69,56	35,79	57,98	59,62	47,52	344,22
163	U Porto	70,53	68,80	34,41	54,74	58,97	47,55	335,00
225	U Aveiro	68,35	66,90	32,79	52,34	57,35	46,80	324,52
317	U do Minho	66,34	65,96	31,96	49,83	56,54	46,42	317,06
326	U Coimbra	68,61	64,52	33,68	48,45	55,30	45,42	315,98
389	UNL	65,44	65,17	31,22	48,21	55,86	46,18	312,08
928	Inst Pol Porto	63,12	34,95	30,17	38,65	29,96	19,94	216,78
1043	UBI	16,99	40,53	16,69	36,09	34,74	29,59	174,63
1130	Inst Pol Braganca	11,91	34,18	10,84	33,14	29,30	29,71	149,07
1208	UTAD	19,72	28,89	12,72	23,48	24,76	20,75	130,33
1469	U Algarve	2,67	12,89	5,29	22,37	11,05	10,76	65,02

Tabela 23: Telecommunications (300 IES classificadas)

WR	University	Articles	Citations	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
89	U Aveiro	64,08	67,28	31,42	51,12	57,67	47,66	319,23
248	U Lisboa	39,06	40,26	30,27	46,08	34,51	18,73	208,91

Tabela 24: Urban Planning (250 IES classificadas)

WR	University	Articles	Citations	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
78	U Lisboa	70,73	69,58	39,49	55,71	59,64	40,26	335,40
234	U Porto	5,74	30,87	30,14	45,63	26,46	13,88	152,72

Tabela 25: Water Resources (250 IES classificadas)

WR	University	Articles	Citations	Total Docs	Intl Collab	Article Impact	Citation Impact	Total
24	U Lisboa	75,91	79,68	36,99	61,14	68,30	51,79	373,82
215	U Porto	33,45	34,37	23,09	45,07	29,46	22,89	188,33

Contacto/Informações – Observatório de Rankings Universitários do IST:

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