

Indicadores por especialidades
Tabla 10. Listado de las 22 disciplinas de los Essential Science Indicators (ESI) donde publica la UGR según su impacto normalizado – crown y número de trabajos citables Web of Science durante 2014-2018

Disciplina ESI Essential Science Indicators	Número Trabajos Citables		Impacto Normalizado			
	Quinquenio actual	Quinquenio anterior	Quinquenio actual	Quinquenio Anterior		
	2014-2018	2013-2017	2014-2018	2013-2017		
1	Clinical Medicine	1944	1803	▲	1,15	1,04
2	Physics	1088	1079	▲	3,41	2,57
3	Social Sciences, general	1080	1020	▲	0,98	0,90
4	Chemistry	1030	986	●	0,97	0,97
5	Geosciences	882	870	▼	1,06	1,07
6	Engineering	789	783	▲	1,40	1,15
7	Psychiatry/Psychology	713	704	▲	0,81	0,79
8	Agricultural Sciences	685	672	▲	1,33	1,16
9	Mathematics	649	661	▼	1,05	1,30
10	Environment/Ecology	616	560	●	1,17	1,17
11	Computer Science	531	518	▲	2,27	2,11
12	Biology & Biochemistry	452	446	▲	1,12	0,96
13	Plant & Animal Science	432	435	▲	1,13	1,07
14	Neuroscience & Behavior	346	344	▲	0,83	0,81
15	Pharmacology & Toxicology	327	314	▲	1,17	1,11
16	Space Science	299	292	▲	5,62	> 3
17	Materials Science	259	245	▼	0,81	1,07
18	Molecular Biol & Genetics	251	242	▲	1,43	1,23
19	Economics & Business	244	239	▲	1,64	0,91
20	Microbiology	110	87	▲	0,90	0,63
21	Immunology	90	83	▲	0,92	0,90
22	Multidisciplinary	17	21	▼	0,56	1,70

▲ Señala si durante el quinquenio 2014-2018 el valor del indicador supera el valor que se alcanzó en el quinquenio 2013-2017

▼ Señala si durante el quinquenio 2014-2018 el valor del indicador NO supera el valor que se alcanzó en el quinquenio 2013-2017

Tabla 11. Evolución del número de trabajos citables en Web of Science de la UGR para las 22 categorías de los ESI y el quinquenio 2014-2018

Disciplina ESI	Impacto Normalizado				
	2014	2015	2016	2017	2018
Clinical Medicine	299	369	405	415	456
Physics	219	217	243	206	203
Social Sciences, general	203	216	204	212	245
Chemistry	209	209	213	190	209
Geosciences	183	172	187	157	183
Engineering	164	152	174	147	152
Psychiatry/Psychology	144	138	126	156	149
Agricultural Sciences	118	180	115	134	138
Mathematics	130	154	129	123	113
Environment/Ecology	106	122	101	123	164
Computer Science	94	112	121	88	116
Biology & Biochemistry	94	90	74	100	94
Plant & Animal Science	105	78	74	93	82
Neuroscience & Behavior	69	59	81	69	68
Pharmacology & Toxicology	45	57	81	79	65
Space Science	65	57	90	45	42
Materials Science	51	49	56	45	58
Molecular Biology & Genetics	54	52	44	51	50
Economics & Business	39	48	48	59	50
Microbiology	21	17	21	20	31
Immunology	13	14	25	18	20
Multidisciplinary	1	3	4	6	3

Tabla 12. Evolución del impacto normalizado de la UGR para las 22 categorías de los ESI y el quinquenio 2014-2018

Disciplina ESI	Impacto Normalizado				
	2014	2015	2016	2017	2018
Clinical Medicine	0,85	1,12	1,09	1,14	1,43
Physics	3,15	3,46	4,71	1,88	3,64
Social Sciences, general	0,83	1,01	1,01	0,99	1,05
Chemistry	1,07	0,86	1,02	0,98	0,93
Geosciences	1,12	0,98	1,01	1,00	1,21
Engineering	1,16	1,08	1,03	1,17	2,62
Psychiatry/Psychology	0,80	0,73	0,79	0,91	0,82
Agricultural Sciences	1,21	1,16	1,36	1,54	1,42
Mathematics	1,13	1,15	0,91	1,10	0,94
Environment/Ecology	0,87	1,07	1,36	1,02	1,45
Computer Science	1,90	2,21	2,12	2,74	2,42
Biology & Biochemistry	1,03	0,94	1,03	1,32	1,23
Plant & Animal Science	1,13	1,31	1,07	1,09	1,06
Neuroscience & Behavior	0,77	1,02	0,70	0,85	0,84
Pharmacology & Toxicology	1,04	0,96	1,03	1,12	1,68
Space Science	9,25	2,03	8,41	2,38	2,32
Materials Science	0,64	0,75	0,84	1,08	0,77
Molecular Biology & Genetics	1,09	0,99	0,88	1,38	2,81
Economics & Business	1,13	1,28	1,29	1,40	2,98
Microbiology	0,76	0,76	0,54	0,69	1,45
Immunology	0,68	0,52	1,24	1,20	0,70
Multidisciplinary	0,41	0,58	0,83	0,68	---

Tabla 13. Indicadores bibliométricos para las categorías Web of Science más relevantes de la UGR de Ciencia y Tecnología durante 2014-2018

Ciencia y Tecnología	Nº Trabajos Web of Science	Impacto Normalizado Crown	Porcentaje Colaboración Internacional	Porcentaje Primer Cuartil
PHYSICS, PARTICLES & FIELDS	657	3.55	91.78%	71.76%
ENVIRONMENTAL SCIENCES	570	1.09	53.16%	54.21%
NUTRITION & DIETETICS	557	0.99	50.99%	37.82%
ASTRONOMY & ASTROPHYSICS	555	4.35	90.27%	82.18%
MATHEMATICS	480	1.30	54.58%	46.80%
COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	467	2.13	59.53%	62.47%
BIOCHEMISTRY & MOLECULAR BIOLOGY	462	0.97	55.41%	27.53%
GEOSCIENCES, MULTIDISCIPLINARY	409	1.14	68.95%	47.55%
MATHEMATICS, APPLIED	401	1.05	45.89%	35.28%
FOOD SCIENCE & TECHNOLOGY	382	1.58	43.19%	69.48%
CHEMISTRY, MULTIDISCIPLINARY	367	0.77	54.77%	39.18%
MATERIALS SCIENCE, MULTIDISCIPLINARY	360	0.73	50.00%	61.52%
PHARMACOLOGY & PHARMACY	346	1.06	41.04%	38.73%
PUBLIC, ENVIRO. & OCCUPATIONAL HEALTH	333	1.18	56.16%	42.72%
CHEMISTRY, PHYSICAL	324	0.66	54.32%	31.31%
NEUROSCIENCES	314	1.00	53.5%	26.02%
ENGINEERING, ELECTRICAL & ELECTRONIC	311	1.59	55.63%	45.39%
SPORT SCIENCES	304	1.17	52.3%	33.45%
COMPUTER SCIENCE, INTERD. APPLICATIONS	276	1.16	46.38%	38.00%
CHEMISTRY, ANALYTICAL	272	1.09	33.46%	52.06%
DENTISTRY, ORAL SURGERY & MEDICINE	268	1.57	57.09%	58.57%
PSYCHOLOGY, MULTIDISCIPLINARY	252	0.86	38.49%	15.26%
ONCOLOGY	240	1.12	57.92%	52.71%
ECOLOGY	228	1.19	65.35%	39.08%
GEOCHEMISTRY & GEOPHYSICS	225	1.09	81.78%	41.98%
COMPUTER SCIENCE, INFORMATION SYSTEMS	201	2.13	49.25%	59.07%
ENGINEERING, CHEMICAL	200	0.94	40.00%	60.21%
ENGINEERING, CIVIL	185	1.02	32.43%	72.28%
PHYSICS, NUCLEAR	183	6.82	86.89%	47.24%
PHYSICS, MULTIDISCIPLINARY	182	2.14	68.68%	59.2%
BIOTECHNOLOGY & APPLIED MICROBIOLOGY	180	1.04	50.56%	39.41%
GENETICS & HEREDITY	176	1.77	71.02%	38.51%
PLANT SCIENCES	175	1.11	49.71%	48.80%
PSYCHIATRY	170	1.37	60.00%	41.72%
STATISTICS & PROBABILITY	170	1.00	47.06%	44.37%

<i>Ciencia y Tecnología</i>	<i>Nº Trabajos Web of Science</i>	<i>Impacto Normalizado Crown</i>	<i>Porcentaje Colaboración Internacional</i>	<i>Porcentaje Primer Cuartil</i>
ENGINEERING, ENVIRONMENTAL	167	0.85	35.33%	58.79%
MICROBIOLOGY	164	1.09	45.12%	34.75%
CHEMISTRY, APPLIED	155	1.23	43.23%	67.97%
INSTRUMENTS & INSTRUMENTATION	155	1.12	49.68%	57.14%
PHYSICS, APPLIED	154	0.77	59.74%	38.89%
PSYCHOLOGY EXPERIMENTAL	142	0.81	47.18%	22.96%
CELL BIOLOGY	141	1.00	51.77%	31.93%
WATER RESOURCES	139	0.94	38.13%	50.38%
BIOCHEMICAL RESEARCH METHODS	138	1.17	43.48%	37.9%
MINERALOGY	138	1.15	73.19%	65.19%
PSYCHOLOGY	136	0.61	40.44%	20.66%
COMPUTER SCIENCE, THEORY & METHODS	134	2.69	49.25%	62.93%
METEOROLOGY & ATMOSPHERIC SCIENCES	133	1.29	73.68%	62.2%
GEOLOGY	127	1.15	69.29%	45.87%
ENDOCRINOLOGY & METABOLISM	126	1.12	50.00%	33.93%
ENGINEERING, BIOMEDICAL	126	1.34	57.94%	55.93%
CHEMISTRY, INORGANIC & NUCLEAR	124	1.52	57.26%	73.55%

Tabla 14. Indicadores bibliométricos para las categorías Web of Science más relevantes de la UGR de Sociales y Humanidades durante 2014-2018

<i>Ciencias Sociales y Humanidades</i>	<i>Número Trabajos Web of Science</i>	<i>Impacto Normalizado Crown</i>	<i>Porcentaje Colaboración Internacional</i>	<i>Porcentaje Primer Cuartil</i>
EDUCATION & EDUCATIONAL RESEARCH	196	0,94	28,57%	15,00%
INFORMATION SCIENCE & LIBRARY SCIENCE	182	1,37	29,67%	42,13%
ECONOMICS	154	0,99	43,51%	34,31%
MANAGEMENT	132	2,27	40,91%	37,61%
LANGUAGE & LINGUISTICS	113	0,81	18,58%	---
LINGUISTICS	111	0,65	22,52%	11,54%
BUSINESS	105	1,60	37,14%	19,32%
SOCIAL SCIENCES, INTERDISCIPLINARY	102	1,69	33,33%	48,91%
HISTORY	94	1,36	12,77%	8,33%
ARCHAEOLOGY	74	1,12	43,24%	---
ANTHROPOLOGY	58	1,19	56,90%	35,19%
PSYCHOLOGY SOCIAL	57	1,08	49,12%	7,27%
GEOGRAPHY	52	0,95	19,23%	27,66%
SOCIOLOGY	51	0,88	17,65%	23,53%
COMMUNICATION	48	0,90	14,58%	41,67%
PHILOSOPHY	46	0,79	8,70%	---
POLITICAL SCIENCE	45	1,21	6,67%	9,68%
ART	43	2,19	9,30%	---
HOSPITALITY LEISURE SPORT & TOURISM	40	1,27	37,50%	48,72%
PUBLIC ADMINISTRATION	40	1,56	5,00%	9,09%
LAW	38	0,99	5,26%	36,84%
HUMANITIES, MULTIDISCIPLINARY	36	1,00	---	---
ERGONOMICS	33	1,50	39,39%	71,43%
LITERATURE, ROMANCE	33	1,17	3,03%	---
LITERARY THEORY & CRITICISM	31	1,84	---	---
HISTORY & PHILOSOPHY OF SCIENCE	29	0,71	24,14%	35,71%
LITERATURE	28	2,81	7,14%	---
RELIGION	27	0,22	---	---
MEDIEVAL & RENAISSANCE STUDIES	26	1,37	7,69%	---
PSYCHOLOGY, EDUCATIONAL	26	0,62	34,62%	7,69%
URBAN STUDIES	26	1,88	38,46%	47,37%
SOCIAL SC., MATHEMATICAL METHODS	25	0,54	68,00%	33,33%
WOMEN'S STUDIES	25	1,13	28,00%	41,18%
MUSIC	22	1,80	18,18%	---
FILM, RADIO, TELEVISION	21	0,59	4,76%	---
SOCIAL ISSUES	21	1,92	33,33%	42,86%
EDUCATION, SCIENTIFIC DISCIPLINES	19	0,70	15,79%	6,25%
BUSINESS, FINANCE	18	1,14	50,00%	33,33%
CRIMINOLOGY & PENOLOGY	17	0,94	52,94%	36,36%
CLASSICS	16	0,28	---	---

<i>Ciencias Sociales y Humanidades</i>	<i>Número Trabajos Web of Science</i>	<i>Impacto Normalizado Crown</i>	<i>Porcentaje Colaboración Internacional</i>	<i>Porcentaje Primer Cuartil</i>
AREA STUDIES	15	0,18	40,00%	---
SOCIAL WORK	12	0,73	8,33%	25,00%
ARCHITECTURE	11	4,49	54,55%	---
EDUCATION, SPECIAL	11	1,10	27,27%	54,55%
FAMILY STUDIES	11	1,40	36,36%	36,36%
SOCIAL SCIENCES, BIOMEDICAL	11	0,99	54,55%	57,14%
LOGIC	10	2,50	40,00%	---
CULTURAL STUDIES	9	0,07	22,22%	33,33%
ETHICS	9	2,46	33,33%	66,67%