

■ **Disciplinas y especialidades**

Tabla 11. Las 22 disciplinas de los Essential Science Indicators (ESI) dónde publica la UGR según su impacto normalizado y nº de trabajos citables Web of Science durante 2013-2017

Disciplina ESI Essential Science Indicators	Número Trabajos Citables		Impacto Normalizado	
	Quinquenio actual 2013-2017	Quinquenio anterior 2012-2017	Quinquenio actual 2013-2017	Quinquenio Anterior 2012-2017
1 Clinical Medicine	▲ 1803	1610	▲ 1,04	0,94
2 Physics	▼ 1079	1142	▼ 2,57	2,91
3 Social Sciences, general	▲ 1020	980	▲ 0,90	0,89
4 Chemistry	▲ 986	940	▼ 0,97	0,99
5 Geosciences	▲ 870	863	▼ 1,07	1,15
6 Engineering	▼ 783	806	▼ 1,15	1,31
7 Psychiatry/Psychology	▲ 704	674	▲ 0,79	0,76
8 Mathematics	▼ 672	686	▼ 1,16	1,22
9 Agricultural Sciences	▲ 661	642	▼ 1,30	1,36
10 Environment/Ecology	▲ 560	526	▼ 1,17	1,23
11 Computer Science	▼ 518	532	▲ 2,11	1,98
12 Biology & Biochemistry	▲ 446	437	▼ 0,96	1,06
13 Plant & Animal Science	▲ 435	410	▼ 1,07	1,16
14 Neuroscience & Behavior	▲ 344	327	▲ 0,81	0,75
15 Pharmacology & Toxicology	▲ 314	262	▲ 1,11	1,05
16 Space Science	▲ 292	271	▲ 6,18	> 3
17 Molecular Biology & Genetics	▲ 245	219	▲ 1,07	0,98
18 Economics & Business	▲ 242	221	▲ 1,23	0,94
19 Materials Science	▲ 239	230	▲ 0,91	0,86
20 Microbiology	▲ 87	74	▼ 0,63	0,70
21 Immunology	▲ 83	63	▲ 0,90	0,61
22 Multidisciplinary	● 21	21	▼ 1,70	2,21

Tabla 12. Evolución del número de trabajos citables indexados en Web of Science de la UGR para las 22 categorías de los ESI y el quinquenio 2013-2017

Disciplina ESI	Número de Trabajos Citables				
	2013	2014	2015	2016	2017
Clinical Medicine	316	300	372	403	412
Physics	196	219	215	243	206
Social Sciences, general	194	203	216	201	206
Chemistry	171	207	208	211	189
Geosciences	172	183	171	187	157
Engineering	146	164	152	174	147
Psychiatry/Psychology	142	144	138	126	154
Mathematics	139	130	154	129	120
Agricultural Sciences	132	118	177	106	128
Environment/Ecology	110	106	122	101	121
Computer Science	106	94	112	121	85
Biology & Biochemistry	85	96	92	75	98
Plant & Animal Science	88	105	78	74	90
Neuroscience & Behavior	65	69	59	81	70
Pharmacology & Toxicology	56	45	57	80	76
Space Science	36	65	57	90	44
Molecular Biology & Genetics	40	54	51	47	53
Economics & Business	52	39	48	46	57
Materials Science	40	51	49	54	45
Microbiology	10	21	17	20	19
Immunology	14	13	14	25	17
Multidisciplinary	6		3	5	7

Tabla 13. Evolución del impacto normalizado de los trabajos citables indexados en Web of Science de la UGR para las 22 categorías de los ESI y el quinquenio 2013-2017

Disciplina ESI	Impacto Normalizado				
	2013	2014	2015	2016	2017
Clinical Medicine	1,10	0,84	1,08	1,07	1,09
Physics	1,90	2,59	2,70	3,75	1,67
Social Sciences, general	0,85	0,82	1,04	0,97	0,83
Chemistry	1,03	1,03	0,87	0,92	1,00
Geosciences	1,02	1,12	1,00	1,09	1,14
Engineering	1,32	1,17	1,13	1,04	1,09
Psychiatry/Psychology	0,73	0,77	0,74	0,76	0,91
Mathematics	1,30	1,21	1,19	0,92	1,18
Agricultural Sciences	1,25	1,18	1,18	1,50	1,48
Environment/Ecology	1,34	0,89	1,09	1,39	1,14
Computer Science	1,69	1,99	2,28	2,01	2,72
Biology & Biochemistry	0,84	1,00	0,92	1,07	0,98
Plant & Animal Science	1,06	1,11	1,32	0,95	0,92
Neuroscience & Behavior	0,78	0,75	1,00	0,69	0,87
Pharmacology & Toxicology	1,51	1,01	0,98	1,05	1,01
Space Science	1,33	11,96	1,96	8,59	2,14
Molecular Biology & Genetics	1,05	1,09	1,00	0,86	1,32
Economics & Business	0,79	1,17	1,25	1,24	1,66
Materials Science	0,84	0,67	0,80	0,94	1,31
Microbiology	1,04	0,73	0,71	0,54	0,35
Immunology	0,53	0,66	0,47	1,27	1,19
Multidisciplinary	3,08	---	0,33	0,70	1,83

Tabla 15. Indicadores bibliométricos para las categorías Web of Science más relevantes de la UGR de Ciencia y Tecnología durante 2013-2017

Categoría Web of Science	Número Trabajos Web of Science	Número de Citas	Impacto Normalizado Crown	Porcentaje Colaboración Internacional
PHYSICS, PARTICLES & FIELDS	619	17617	2.9	91.11%
ASTRONOMY & ASTROPHYSICS	543	24729	4.52	89.87%
ENVIRONMENTAL SCIENCES	494	4545	1.17	49.19%
NUTRITION & DIETETICS	490	3071	0.93	46.73%
MATHEMATICS	485	1294	1.25	51.34%
COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	454	4917	1.85	49.12%
BIOCHEMISTRY & MOLECULAR BIOLOGY	442	4108	1.02	53.17%
GEOSCIENCES, MULTIDISCIPLINARY	406	2686	1.23	67.73%
MATHEMATICS, APPLIED	395	1315	1.19	47.34%
FOOD SCIENCE & TECHNOLOGY	368	3217	1.45	39.13%
CHEMISTRY, MULTIDISCIPLINARY	343	3621	0.96	53.64%
MATERIALS SCIENCE, MULTIDISCIPLINARY	340	2319	0.87	47.06%
CHEMISTRY, PHYSICAL	326	2608	0.81	51.23%
PHARMACOLOGY & PHARMACY	322	2353	1.0	38.20%
ENGINEERING, ELECTRICAL & ELECTRONIC	314	2431	1.19	48.09%
NEUROSCIENCES	312	2674	1.14	54.17%
SPORT SCIENCES	295	1485	0.93	45.76%
PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH	286	1524	1.0	54.90%
DENTISTRY, ORAL SURGERY & MEDICINE	282	1683	1.29	56.03%
COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	272	1947	1.27	43.38%
CHEMISTRY, ANALYTICAL	271	2496	1.16	31.73%
ECOLOGY	244	2143	1.11	61.89%
GEOCHEMISTRY & GEOPHYSICS	242	2179	1.21	79.75%
PSYCHOLOGY, MULTIDISCIPLINARY	241	661	0.75	35.27%
ONCOLOGY	219	2331	1.25	54.79%
ENGINEERING, CHEMICAL	198	1427	0.89	37.37%
PHYSICS, MULTIDISCIPLINARY	192	3080	2.05	66.15%
COMPUTER SCIENCE, INFORMATION SYSTEMS	189	2643	2.52	42.86%
BIOTECHNOLOGY & APPLIED MICROBIOLOGY	182	1256	0.94	46.15%
PHYSICS, NUCLEAR	178	9987	5.33	87.08%
PLANT SCIENCES	175	1206	1.1	44.57%

Categoría Web of Science Ciencias Sociales y Humanidades	Número Trabajos Web of Science	Número de Citas	Impacto Normalizado Crown	Porcentaje Colaboración Internacional
PSYCHIATRY	173	1205	1.18	61.85%
ENGINEERING, ENVIRONMENTAL	172	1611	1.12	34.88%
ENGINEERING, CIVIL	172	822	0.95	30.81%
GENETICS & HEREDITY	164	1742	1.4	68.90%
PSYCHOLOGY	157	515	0.57	42.68%
PHYSICS, APPLIED	154	745	0.67	55.84%
STATISTICS & PROBABILITY	152	560	0.94	49.34%
PSYCHOLOGY, EXPERIMENTAL	150	949	0.96	51.33%
CELL BIOLOGY	148	1814	1.1	49.32%
MICROBIOLOGY	144	963	0.81	38.89%
CHEMISTRY, APPLIED	139	1314	1.6	38.13%
GEOLOGY	132	826	1.19	71.21%
WATER RESOURCES	132	563	0.91	34.09%
MINERALOGY	131	927	1.06	74.05%
INSTRUMENTS & INSTRUMENTATION	130	850	0.99	50.77%
OPERATIONS RESEARCH & MANAGEMENT SCIENCE	129	972	1.32	31.01%
CHEMISTRY, INORGANIC & NUCLEAR	127	1108	1.43	58.27%
BIOCHEMICAL RESEARCH METHODS	125	1165	1.1	40.80%
METEOROLOGY & ATMOSPHERIC SCIENCES	125	1146	1.32	75.20%

Tabla 14. Indicadores bibliométricos para las categorías Web of Science más relevantes de la UGR de Sociales y Humanidades durante 2013-2017

Categoría Web of Science Ciencias Sociales y Humanidades	Número Trabajos Web of Science	Número de Citas	Impacto Normalizado Crown	Porcentaje Colaboración Internacional
EDUCATION & EDUCATIONAL RESEARCH	202	400	0.75	26.24%
INFORMATION SCIENCE & LIBRARY SCIENCE	170	715	1.09	27.65%
ECONOMICS	150	551	1.01	52.67%
MANAGEMENT	128	717	1.48	35.16%
LANGUAGE & LINGUISTICS	108	64	0.84	17.59%
BUSINESS	101	454	1.29	37.62%
LINGUISTICS	98	68	0.38	22.45%
HISTORY	95	12	0.23	10.53%
SOCIAL SCIENCES, INTERDISCIPLINARY	86	328	1.29	34.88%
ARCHAEOLOGY	61	121	0.91	47.54%
ANTHROPOLOGY	60	256	1.24	56.67%
PSYCHOLOGY, SOCIAL	44	149	1.21	54.55%
SOCIOLOGY	44	79	0.71	22.73%
ART	44	33	0.77	13.64%
PHILOSOPHY	43	29	1.11	4.65%
PUBLIC ADMINISTRATION	39	147	1.56	5.13%
POLITICAL SCIENCE	39	90	1.07	7.69%
LAW	37	28	0.38	5.41%
LITERARY THEORY & CRITICISM	36	6	1.62	--
HOSPITALITY, LEISURE, SPORT & TOURISM	34	120	0.88	23.53%
HEALTH POLICY & SERVICES	33	228	1.71	72.73%
HISTORY & PHILOSOPHY OF SCIENCE	32	24	0.66	21.88%
HUMANITIES, MULTIDISCIPLINARY	32	6	0.35	--
LITERATURE, ROMANCE	29	6	1.06	3.45%
FILM, RADIO, TELEVISION	27	5	0.38	3.7%
MEDIEVAL & RENAISSANCE STUDIES	26	9	1.28	7.69%
RELIGION	26	5	0.49	3.85%
PLANNING & DEVELOPMENT	25	24	0.69	40.0%
SOCIAL SCIENCES, MATHEMATICAL METHODS	22	61	0.77	68.18%
LITERATURE	22	34	3.52	4.55%
URBAN STUDIES	21	75	1.46	28.57%
SOCIAL ISSUES	18	41	1.93	33.33%
BUSINESS, FINANCE	17	43	1.28	64.71%
CLASSICS	17	3	0.55	--
WOMEN'S STUDIES	16	26	0.64	18.75%
AREA STUDIES	15	5	0.25	20.0%
SOCIAL SCIENCES, BIOMEDICAL	13	89	1.37	53.85%

Categoría Web of Science Ciencias Sociales y Humanidades	Número Trabajos Web of Science	Número de Citas	Impacto Normalizado Crown	Porcentaje Colaboración Internacional
SOCIAL WORK	11	20	0.95	18.18%
CULTURAL STUDIES	11	3	0.19	9.09%
ETHICS	10	34	1.23	40.0%
EDUCATION, SPECIAL	10	27	0.98	30.0%
CRIMINOLOGY & PENOLOGY	10	21	0.83	40.0%
FAMILY STUDIES	10	21	0.8	40.0%
INDUSTRIAL RELATIONS & LABOR	10	9	0.51	10.0%
ARCHITECTURE	10	1	0.7	50.0%
FOLKLORE	9	2	0.56	22.22%
HISTORY OF SOCIAL SCIENCES	7	2	0.53	--
LITERARY REVIEWS	7	0	0.0	--
LOGIC	6	11	2.9	33.33%