

■ Resultados

*Indicadores de producción científica Web of Science Core Collection*

Año	Número Documentos WoS + ESCI	Número Documentos Citables WoS + ESCI	Porcentaje Documentos Citables WoS + ESCI	Número Documentos WoS	Número Documentos Citables WoS	Porcentaje Documentos Citables WoS
2010	2660	2071	78%	2261	<b>1723</b>	76%
2011	3118	2466	79%	2710	<b>2120</b>	78%
2012	3321	2794	84%	2872	<b>2431</b>	85%
2013	3482	2807	81%	3017	<b>2426</b>	80%
2014	3657	2985	82%	3142	<b>2572</b>	82%
2015	3861	3189	83%	3262	<b>2687</b>	82%
2016	4012	3272	82%	3420	<b>2782</b>	81%
2017	4064	3245	80%	3415	<b>2692</b>	79%
2018	4113	3467	84%	3421	<b>2873</b>	84%
2019	4349	3855	89%	3665	<b>3281</b>	90%
<b>Totales</b>	<b>36637</b>	<b>30151</b>	<b>82%</b>	<b>31185</b>	<b>25587</b>	<b>82%</b>

- WoS= Web of Science (consideramos solo los índices de citas SCI, SSCI y A&HCI)

- ESCI = Emerging Source Citation Index (base de datos complementaria)

- Número de Documentos de Citables WoS. Es la referencia básica ya que solo considera las revistas de mayor prestigio y es el conteo que se utiliza como referencia básica para el resto de tablas del informe

*Número y porcentaje de documentos citables en revistas Web of Science distribuidos según cuartil de publicación del JCR durante 2010-2010.*

	Q1		Q2		Q3		Q4	
	%	Nº	%	Nº	%	Nº	%	Nº
2010	49%	780	27%	422	14%	230	10%	159
2011	53%	1056	23%	460	13%	267	10%	203
2012	54%	1215	23%	519	14%	327	9%	197
2013	51%	1152	24%	546	13%	305	12%	267
2014	54%	1275	23%	540	12%	282	12%	285
2015	49%	1258	25%	627	16%	406	10%	255
2016	54%	1396	24%	613	13%	333	10%	251
2017	51%	1275	26%	662	12%	297	11%	281
2018	53%	1437	26%	696	12%	325	9%	237
2019	54%	1706	28%	874	11%	342	7%	222
<b>Totales</b>	<b>52%</b>	<b>12550</b>	<b>25%</b>	<b>5959</b>	<b>13%</b>	<b>3114</b>	<b>10%</b>	<b>2357</b>

**Indicadores bibliométricos de impacto y excelencia científica basados en el número de citas calculados a partir de incites para el período 2010-2019**

	Número Citas	Impacto Normalizado	Nº Docs. Altamente Citados	% Docs. Altamente Citados	% Docs. TOP 1%	% Docs. TOP 10%
2010	55651	1,31	25	1,45%	1,51%	13,58%
2011	56278	1,21	23	1,08%	1,32%	14,39%
2012	72261	1,31	37	1,52%	1,48%	13,90%
2013	49428	1,16	33	1,36%	1,81%	13,19%
2014	65180	1,39	53	2,06%	2,37%	14,39%
2015	45588	1,25	47	1,75%	2,16%	14,37%
2016	49172	1,53	52	1,87%	2,19%	14,85%
2017	26261	1,23	35	1,30%	1,89%	14,38%
2018	23260	1,42	67	2,33%	2,47%	15,11%
2019	8323	1,34	55	1,68%	1,98%	12,86%
<b>Totales</b>	<b>451,402</b>	<b>1,32</b>	<b>427</b>	<b>1,67%</b>	<b>1,96%</b>	<b>14,01%</b>

**Indicadores bibliométricos de colaboración internacional y liderazgo científico calculados a partir de incites para el período 2010-2019**

	Número Colaboraciones Internacionales	Porcentaje Colaboraciones Internacionales	Número Documentos Liderados	Porcentaje Documentos Liderados	Número Documentos Primer Autor	Número Documentos Primer Autor
2010	717	42%	1375	80%	983	57%
2011	960	45%	1598	75%	1130	53%
2012	1107	46%	1790	74%	1250	51%
2013	1080	45%	1811	75%	1274	53%
2014	1222	47%	1926	75%	1408	55%
2015	1343	50%	1968	73%	1455	54%
2016	1501	54%	1961	70%	1476	53%
2017	1477	55%	1894	70%	1451	54%
2018	1578	55%	1985	69%	1478	51%
2019	1844	56%	2340	71%	1708	52%
<b>Totales</b>	<b>12820</b>	<b>50%</b>	<b>18648</b>	<b>72%</b>	<b>13613</b>	<b>53%</b>

**Principales indicadores bibliométricos por disciplinas y subdisciplinadas a partir de la clasificación de la OECD y calculados con incites para el período 2015-2019**

	Nº Docs Citables WoS	Impacto Normalizado	% Docs Citables Q1	% Docs Altamente Citados	% Docs Colaboración Internacional
<b>1 NATURAL SCIENCES</b>	<b>7480</b>	<b>1.48</b>	<b>61.32%</b>	<b>2.35%</b>	<b>62.51%</b>
1.01 Mathematics	947	0.98	49.78%	0.53%	51.32%
1.02 Computer and information sciences	977	2.05	67.00%	5.63%	56.19%
1.03 Physical sciences and astronomy	1494	2.92	72.45%	5.56%	83.53%
1.04 Chemical sciences	1480	0.82	60.78%	0.54%	51.22%
1.05 Earth and related environmental	1797	0.99	60.36%	0.67%	63.88%
1.06 Biological sciences	1726	1.15	52.68%	1.16%	56.43%
1.07 Other natural sciences	39	1.55	79.49%	2.56%	66.67%
<b>2 ENGINEERING AND TECHNOLOGY</b>	<b>2683</b>	<b>1.04</b>	<b>60.00%</b>	<b>1.3%</b>	<b>50.99%</b>
2.01 Civil engineering	234	0.9	66.08%	0.43%	35.04%

2.02 Electrical eng, electronic eng	482	1.57	57.14%	2.49%	54.77%
2.03 Mechanical engineering	132	1.16	63.57%	0.76%	59.09%
2.04 Chemical engineering	210	0.95	62.19%	0.48%	48.10%
2.05 Materials engineering	442	0.88	66.36%	0.68%	51.36%
2.06 Medical engineering	146	1.19	50.35%	--	58.22%
2.07 Environmental engineering	564	0.77	58.71%	0.71%	51.95%
2.08 Environmental biotechnology	175	0.98	50.30%	--	55.43%
2.09 Industrial biotechnology	75	0.93	64.29%	--	48.00%
2.1 Nano-technology	127	0.84	67.21%	1.57%	60.63%
2.11 Other engineering and technologies	782	1.18	64.86%	1.92%	45.52%
<b>3 MEDICAL AND HEALTH SCIENCES</b>	<b>4425</b>	<b>1.18</b>	<b>47.95%</b>	<b>1.29%</b>	<b>51.19%</b>
3.01 Basic medical research	1,23	1.07	47.61%	0.89%	52.68%
3.02 Clinical medicine	1864	1.27	47.73%	1.5%	51.50%
3.03 Health sciences	1846	1.31	48.33%	1.3%	52.49%
<b>4 AGRICULTURAL SCIENCES</b>	<b>594</b>	<b>1.66</b>	<b>72.43%</b>	<b>2.19%</b>	<b>47.31%</b>
4.01 Agriculture, forestry, fisheries	205	1.34	70.71%	0.98%	47.80%
4.02 Animal and dairy science	16	1.17	56.25%	--	31.25%
4.03 Veterinary science	13	1.21	69.23%	--	53.85%
4.05 Other agricultural science	429	1.4	77.29%	2.8%	45.92%
<b>5 SOCIAL SCIENCES</b>	<b>2100</b>	<b>1.38</b>	<b>31.78%</b>	<b>1.33%</b>	<b>38.76%</b>
5.01 Psychology	738	0.86	27.88%	0.41%	45.53%
5.02 Economics and business	460	1.96	48.00%	4.57%	43.70%
5.03 Educational sciences	230	0.97	21.50%	--	22.61%
5.04 Sociology	213	1.45	35.53%	0.47%	45.54%
5.05 Law	55	0.84	31.25%	--	21.82%
5.06 Political science	70	1.90	14.29%	1.43%	8.57%
5.07 Social and economic geography	311	1.28	35.97%	1.29%	39.23%
5.08 Media and communication	192	1.59	44.02%	2.6%	31.77%
5.09 Other social sciences	173	2.17	48.13%	1.73%	39.31%
<b>6 HUMANITIES</b>	<b>658</b>	<b>1.30</b>	<b>18.55%</b>	<b>0.15%</b>	<b>18.24%</b>
6.01 History and archaeology	211	1.72	29.90%	--	31.28%
6.02 Languages and literature	249	0.88	9.84%	--	12.45%
6.03 Philosophy, ethics and religion	95	1.58	63.64%	1.05%	9.47%
6.04 Art	113	2.08	--	--	18.58%
6.05 Other Humanities	44	0.65	--	--	2.27%

**Principales especialidades de Ciencias Sociales y Humanas**

*Indicadores bibliométricos para las categorías Web of Science más relevantes de la Universidad de Granada de Ciencias Sociales y Humanas durante 2015-2019*

	Nº Docs Citables WoS	Impacto Normalizado	% Docs Citables Q1	% Docs Altamente Citados	% Docs Colaboración Internacional
Sport Sciences	369	1.44	35.69%	1.08%	59.89%
Education & Educational Research	200	0.98	18.92%	---	22.00%
Information Science & Library Science	170	1.42	40.48%	2.94%	31.76%
Economics	154	1.06	35.25%	0.65%	40.26%
Management	148	2.47	44.2%	8.11%	44.59%
Linguistics	128	0.53	9.92%	---	19.53%
Psychology	127	0.72	19.84%	---	44.09%
Language & Linguistics	126	0.64	1.90%	---	15.87%
Business	121	1.76	24.76%	4.96%	42.98%
Health Care Sciences & Services	108	1.02	11.21%	0.93%	48.15%
Social Sciences, Interdisciplinary	107	2.15	43.56%	0.93%	43.93%
History	96	1.31	5%	---	13.54%
Archaeology	95	1.19	35.19%	---	53.68%
Health Policy & Services	79	1.34	19.23%	2.53%	45.57%
Anthropology	71	1.20	40.58%	---	61.97%
Psychology, Social	64	1.20	12.90%	1.56%	53.13%
Hospitality, Leisure, Sport & Tourism	59	1.39	57.41%	3.39%	32.2%
Art	58	2.08	---	---	13.79%
Geography	55	0.82	28%	---	25.45%
Literature, Romance	55	1.81	---	---	5.45%
Philosophy	53	0.94	---	---	9.43%
Sociology	52	0.94	16.00%	---	19.23%
Communication	48	0.76	29.27%	---	18.75%
Regional & Urban Planning	45	1.38	38.89%	2.22%	35.56%
Humanities, Multidisciplinary	44	0.65	---	---	2.27%
Political Science	43	1.61	13.33%	---	9.30%
Public Administration	38	1.87	13.33%	2.63%	5.26%
Law	34	0.69	25%	---	5.88%
Religion	32	0.43	---	---	---
Urban Studies	32	1.34	41.67%	---	37.50%
History & Philosophy Of Science	25	0.98	---	---	28.00%
Literature	25	1.45	---	---	4.00%
Women's Studies	25	1.76	44.44%	---	36.00%
Literary Theory & Criticism	24	2.93	---	---	---
Business, Finance	22	1.53	25%	---	54.55%
Education, Scientific Disciplines	21	1.41	16.67%	---	33.33%
Medieval & Renaissance Studies	21	1.37	---	---	9.52%
Music	21	2.24	---	---	23.81%
Social Issues	21	1.67	33.33%	---	47.62%
Social Sciences, Mathematical Methods	21	0.44	31.58%	---	66.67%
Area Studies	18	0.13	---	---	33.33%
Family Studies	17	1.07	47.06%	---	41.18%
Architecture	16	2.84	---	---	43.75%
Social Sciences, Biomedical	15	1.03	46.67%	---	---
Classics	14	---	---	---	---
Education, Special	14	0.93	42.86%	---	14.29%
Ethics	13	2.94	66.67%	7.69%	30.77%
Social Work	13	1.05	38.46%	---	7.69%
Film, Radio, Television	11	0.87	---	---	9.09%
Literary Reviews	9	1.14	---	---	---

**Principales especialidades de Ciencia y Tecnología**

*Indicadores bibliométricos para las categorías Web of Science más relevantes de la Universidad de Granada de Ciencia y Tecnología durante 2015-2019*

	Nº Docs Citables WoS	Impacto Normalizado	% Docs Citables Q1	% Docs Altamente Citados	% Docs Colaboración Internacional
Environmental Sciences	682	0.97	51.34%	0.44%	52.79%
Physics, Particles & Fields	666	3.06	69.37%	7.36%	92.19%
Nutrition & Dietetics	641	1.07	50.71%	2.03%	52.11%
Astronomy & Astrophysics	545	3.39	77.80%	7.71%	91.01%
Computer Science, Artificial Intelligence	518	2.08	68.34%	7.53%	64.48%
Mathematics	499	1.35	47.59%	0.40%	56.31%
Biochemistry & Molecular Biology	475	0.91	37.09%	0.84%	57.89%
Geosciences, Multidisciplinary	418	1.09	48.43%	0.96%	72.97%
Mathematics, Applied	417	1.01	31.57%	0.96%	48.20%
Chemistry, Multidisciplinary	406	0.78	35.24%	0.49%	58.13%
Public, Environmental & Occupational Health	406	1.3	48.76%	0.99%	53.94%
Materials Science, Multidisciplinary	397	0.82	48.72%	0.76%	53.90%
Food Science & Technology	395	1.47	72.25%	3.04%	46.08%
Engineering, Electrical & Electronic	390	1.59	48.96%	2.31%	55.90%
Pharmacology & Pharmacy	370	1.13	39.83%	0.81%	43.78%
Chemistry, Physical	322	0.64	28.66%	0.62%	57.14%
Neurosciences	320	1.01	34.94%	0.94%	54.37%
Computer Science, Interdisciplinary Applications	282	1.15	34.10%	2.13%	47.87%
Psychology, Multidisciplinary	271	0.85	16.04%	0.74%	40.22%
Chemistry, Analytical	270	0.94	48.50%	---	39.26%
Oncology	266	1.06	53.97%	0.75%	61.28%
Dentistry, Oral Surgery & Medicine	248	1.57	58.13%	0.4%	57.26%
Geochemistry & Geophysics	225	1.09	42.66%	0.44%	84.00%
Computer Science, Information Systems	211	2.07	60.10%	6.64%	55.92%
Engineering, Chemical	210	0.95	58.71%	0.48%	48.10%
Ecology	209	1.3	47.52%	1.91%	66.99%
Physics, Nuclear	200	5.31	43.50%	6.00%	89.50%
Psychiatry	195	1.59	42.93%	2.05%	57.44%
Engineering, Environmental	191	0.75	58.48%	0.52%	48.17%
Green & Sustainable Science & Technology	187	0.7	31.33%	0.53%	45.99%
Engineering, Civil	185	0.97	71.04%	---	35.14%
Biotechnology & Applied Microbiology	175	0.98	40.24%	---	55.43%
Microbiology	174	1.09	38.01%	0.57%	48.85%
Chemistry, Applied	173	1.01	66.88%	1.73%	50.29%
Plant Sciences	173	1.05	51.16%	1.16%	49.13%
Instruments & Instrumentation	172	0.87	56.73%	1.16%	52.91%
Genetics & Heredity	168	2.71	48.77%	4.76%	73.81%
Physics, Multidisciplinary	168	2.39	59.28%	4.76%	70.83%
Physics, Applied	164	0.92	34.36%	0.61%	62.20%
Statistics & Probability	159	0.96	43.15%	---	45.28%
Environmental Studies	155	1.11	24.84%	1.29%	40.00%
Endocrinology & Metabolism	154	1.28	36.84%	3.25%	53.25%
Meteorology & Atmospheric Sciences	149	1.08	64.43%	---	75.84%
Water Resources	146	0.9	48.92%	---	41.78%
Computer Science, Theory & Methods	144	2.76	62.50%	7.64%	53.47%
Mineralogy	143	1.3	60.99%	2.1%	74.83%
Cell Biology	142	0.98	32.58%	---	49.30%
Psychology, Experimental	136	0.83	27.21%	---	47.06%
Engineering, Biomedical	132	1.22	48.06%	---	60.61%
Energy & Fuels	130	0.8	66.67%	0.77%	53.08%

**Ranking de Universidades españolas**
*Indicadores bibliométricos para las universidades españolas más relevantes durante el período 2015-2019*

	Nº Docs Citables WoS	Impacto Normalizado	% Docs Citables Q1	% Docs Altamente Citados	% Docs Colaboración Internacional	% Docs Citables Primer Autor
University of Barcelona	30554	1.66	59.26%	2.77%	59.12%	45.04%
Autonomous University of Barcelona	22348	1.45	57.77%	2.24%	57.40%	47.29%
Complutense University of Madrid	17168	1.19	51.95%	1.22%	48.15%	48.04%
University of Valencia	15815	1.58	53.95%	2.40%	52.97%	46.99%
<b>University of Granada</b>	<b>14315</b>	<b>1.36</b>	<b>52.41%</b>	<b>1.79%</b>	<b>54.09%</b>	<b>52.87%</b>
Autonomous University of Madrid	13691	1.56	59.55%	2.40%	58.01%	44.96%
University of Basque Country	13239	1.15	56.74%	1.22%	53.76%	53.94%
University of Sevilla	12392	1.09	52.40%	0.89%	46.24%	56.03%
Universidad Politecnica de Madrid	9586	1.07	52.93%	0.77%	49.79%	55.25%
Universitat Politecnica de Valencia	9431	1.04	54.97%	0.92%	47.93%	60.76%
University of Zaragoza	9376	1.10	53.66%	0.96%	49.17%	54.12%
Polytechnic University of Catalonia	8907	1.04	55.88%	0.68%	54.54%	57.42%
University of Santiago De Compostela	8358	1.21	54.46%	1.15%	53.52%	52.70%
University of Oviedo	7261	1.31	56.28%	1.69%	49.06%	52.44%
Pompeu Fabra University	6884	1.85	65.14%	2.67%	63.99%	45.76%
Universidad de Malaga	6198	1.11	50.85%	1.15%	42.84%	55.60%
University of Murcia	5987	1.09	46.70%	1.02%	46.48%	54.85%
Universitat Rovira i Virgili	5936	1.34	60.60%	1.70%	50.19%	56.72%
Universidad de la Laguna	5881	1.47	62.41%	1.92%	62.22%	43.22%
Universidad de Castilla-La Mancha	5820	1.06	53.15%	0.74%	45.48%	58.33%
University of Salamanca	5517	1.19	50.04%	1.45%	46.93%	52.18%
University of Navarra	5396	1.52	56.03%	2.85%	49.04%	51.93%
Universidade de Vigo	5346	1.09	50.86%	0.92%	51.33%	58.08%
Universidad de Cordoba	5077	1.10	56.47%	1.32%	49.48%	55.33%
Universitat d'Alacant	4824	0.96	45.14%	0.81%	42.50%	58.58%
Universidad Carlos III de Madrid	4753	0.97	52.73%	0.38%	56.28%	54.11%
Universidad de Valladolid	4593	0.91	49.16%	0.67%	43.59%	59.29%
Universidad de Alcala	4426	1.15	51.50%	1.29%	47.00%	50.43%
Universitat de Girona	4317	1.38	57.75%	1.37%	49.36%	47.90%
Universidade da Coruna	4312	1.12	48.21%	0.88%	39.54%	54.34%
Universidad de Cantabria	4083	1.61	59.12%	2.60%	53.05%	46.68%
Universidad de Extremadura	4004	1.38	44.99%	1.17%	42.68%	57.37%
Universitat de les Illes Balears	3925	1.75	57.34%	2.70%	59.36%	49.50%
Universidad de Cadiz	3856	1.09	48.41%	0.80%	42.19%	54.77%
Universidad Rey Juan Carlos	3788	1.07	49.29%	0.84%	43.51%	48.42%
Universitat Jaume I	3718	1.24	52.98%	1.45%	47.10%	55.81%
Universidad Miguel Hernandez de Elche	3486	1.19	51.41%	1.03%	42.91%	50.34%
Universidad de Jaen	2938	1.03	46.69%	0.88%	42.48%	56.54%
UNED	2849	1.09	41.95%	0.60%	42.65%	50.86%
Universitat de Lleida	2724	1.22	58.52%	1.47%	47.28%	54.37%
Universidad de Las Palmas de Gran Canaria	2722	1.18	45.35%	0.92%	42.14%	58.78%
Universidad de Almeria	2688	0.98	45.37%	0.48%	42.82%	59.60%
Universidad Pablo de Olavide	2558	1.35	54.03%	1.17%	48.44%	51.72%
Universidad de Leon	2495	1.02	44.39%	0.96%	41.08%	52.14%
Universidad Publica de Navarra	2196	1.00	52.65%	0.59%	45.49%	54.74%
Universidad de Huelva	1791	0.89	51.57%	0.50%	44.22%	49.69%
Universitat Ramon Llull	1715	1.43	55.35%	2.33%	57.78%	44.61%
Universidad Politecnica de Cartagena	1639	0.97	53.29%	0.67%	40.09%	59.85%
Universidad de La Rioja	1399	1.15	53.62%	1.50%	42.82%	55.33%

**Proyectos de investigación**
*Datos básicos de la convocatoria de proyectos Retos y Generación del Conocimiento, datos anuales y agregados por universidades*

	<b>2019</b>	
	Número proyectos	Financiación Total
Modalidad Conocimiento	49	3.764.794 €
Modalidad Retos	50	5.014.905 €

	Número proyectos concedidos	Financiación promedio por proyecto	Financiación total
2014	100	60.473 €	6.047.300 €
2015	83	88.439 €	7.252.072 €
2016	99	86.196 €	8.533.404 €
2017	102	82.705 €	8.436.004 €
2018	92	90.567 €	8.332.181 €
2019	99	88.683 €	8.779.699 €
<b>Totales</b>	<b>476</b>	<b>81.094€</b>	<b>38.600.961 €</b>

Universidad	Rank	Número proyectos	Financiación Total
UNIVERSIDAD DE BARCELONA	1	133	13731140 €
UNIVERSIDAD COMPLUTENSE DE MADRID	2	119	10952678 €
UNIVERSIDAD AUTONOMA DE MADRID	3	104	11949718 €
UNIVERSIDAD DE GRANADA	4	99	8.779.699 €
UNIVERSIDAD DE SEVILLA	5	86	10689382 €
UNIVERSIDAD DE ZARAGOZA	6	81	9206406 €
UNIVERSIDAD AUTONOMA DE BARCELONA	7	80	7685799 €
UNIVERSIDAD DE VALENCIA	8	79	8115107 €
UNIVERSIDAD DEL PAIS VASCO	9	72	8212270 €
UNIVERSIDAD CARLOS III DE MADRID	10	71	5581488 €
<b>Otras universidades andaluzas</b>			
UNIVERSIDAD DE CORDOBA	--	43	4962089 €
UNIVERSIDAD DE MALAGA	--	35	3875025 €
UNIVERSIDAD DE CADIZ	--	25	2242977 €
UNIVERSIDAD PABLO DE OLAVIDE	--	22	1800480 €
UNIVERSIDAD DE JAEN	--	16	1587641 €