

Indicadores de excelencia
Tabla 27. Evolución del número y porcentaje de los trabajos altamente citados (highly cited papers) de la UGR en la base de datos Web of Science

	Porcentaje Trabajos TOP1%	Porcentaje trabajos TOP10%	Porcentaje Highly Cited Papers	Número Highly Cited Papers
2008	1,21	11,39	0,00	0
2009	1,34	12,82	1,21	19
2010	1,74	13,64	1,51	26
2011	1,51	14,76	0,99	21
2012	1,44	14,21	1,48	36
2013	1,69	12,83	1,16	28
2014	2,57	14,20	1,98	51
2015	2,29	14,33	1,61	43
2016	2,27	14,68	2,09	58
2017	1,91	14,21	1,42	38
2018	2,19	14,30	2,27	64

Tabla 28. Número y porcentaje de trabajos altamente citados indexados en Web of Science de las universidades españolas en el quinquenio 2014-2018

Universidad española	% Trabajos in Top 1%	% Trabajos in Top 10%	% Highly Cited Papers	Highly Cited Papers
1Universidad de Barcelona	2,81%	16,76%	2,64%	771
2Universidad Autónoma de Barcelona	2,39%	15,42%	2,19%	461
3Universidad Autónoma de Madrid	2,77%	16,31%	2,79%	364
4Universidad de Valencia	2,51%	14,96%	2,42%	357
5Universidad de Granada	2,24%	14,35%	1,88%	254
6Universidad Complutense de Madrid	1,42%	11,70%	1,26%	201
7Universidad Pompeu Fabra	3,11%	20,89%	2,56%	167
8Universidad de País Vasco	1,40%	12,97%	1,27%	160
9Universidad de Oviedo	2,52%	14,03%	2,07%	145
10Universidad Rovira i Virgili	1,52%	15,71%	2,15%	123
11Universidad de la Laguna	2,18%	13,22%	2,09%	117
12Universidad de Navarra	2,51%	16,29%	2,31%	115
13Universidad de Sevilla	1,16%	10,82%	1,02%	114
14Universidad de Cantabria	3,61%	17,42%	2,99%	114
15Universidad de Santiago De Compostela	1,52%	12,49%	1,40%	113
16Universidad de las Islas Baleares	2,47%	14,92%	2,53%	90
17Universidad Politécnica de Valencia	1,05%	11,23%	1,01%	89
18Universidad de Zaragoza	1,05%	10,96%	0,94%	84
19Universidad de Salamanca	1,71%	11,62%	1,57%	81
20Universidad Politécnica de Madrid	1,03%	10,19%	0,88%	74
21Universidad de Girona	1,81%	15,32%	1,55%	64
22Universidad Politécnica de Cataluña	1,07%	10,77%	0,69%	60
23Universidad de Málaga	1,10%	10,68%	1,02%	58
24Universidad de Córdoba	1,42%	11,11%	1,24%	58
25Universidad Jaume I	1,83%	13,44%	1,57%	54
26Universidad de Alcalá	1,71%	11,10%	1,26%	51

Tabla 29. Evolución del número de trabajos altamente citados (highly cited papers) de la UGR en el quinquenio 2014-2018 distribuidos por categoría ESI

Disciplina ESI	2014	2015	2016	2017	2018
Physics	15	14	13	8	23
Space Science	13	4	17	1	4
Computer Science	4	8	6	7	3
Clinical Medicine	1	3	5	3	6
Engineering	4	---	2	3	5
Agricultural Sciences	---	3	6	4	1
Social Sciences	2	2	2	2	2
Geosciences	3	1	2	1	2
Economics & Business	1	---	---	2	4
Psychiatry/Psychology	1	1	1	---	3
Environment/Ecology	---	1	2	1	2
Biology & Biochemistry	1	---	---	1	3
Pharmacology & Toxicology	1	---	---	1	3
Molecular Biology & Genetics	1	1	---	---	2
Chemistry	1	1	1	1	---
Plant & Animal Science	2	2	---	---	---
Mathematics	1	1	---	1	---
Neuroscience & Behavior	---	1	---	1	---
Immunology	---	---	1	---	---
Microbiology	---	---	---	---	1
Materials Science	---	---	---	1	---
Multidisciplinary	---	---	---	---	---

Tabla 30. Evolución del porcentaje de trabajos altamente citados (highly cited papers) de la UGR en el quinquenio 2014-2018 distribuidos por categoría ESI

Disciplina ESI	2014	2015	2016	2017	2018
Physics	6,85%	6,45%	5,35%	3,88%	11,33%
Space Science	20,00%	7,02%	18,89%	2,22%	9,52%
Economics & Business	2,56%	---	---	3,39%	8,00%
Pharmacology & Toxicology	2,22%	---	---	1,27%	4,62%
Molecular Biology & Genetics	1,85%	1,92%	---	---	4,00%
Engineering	2,44%	---	1,15%	2,04%	3,29%
Microbiology	---	---	---	---	3,23%
Biology & Biochemistry	1,06%	---	---	1,00%	3,19%
Computer Science	4,26%	7,14%	4,96%	7,95%	2,59%
Psychiatry/Psychology	0,69%	0,72%	0,79%	---	2,01%
Clinical Medicine	0,33%	0,81%	1,23%	0,72%	1,32%
Environment/Ecology	---	0,82%	1,98%	0,81%	1,22%
Geosciences	1,64%	0,58%	1,07%	0,64%	1,09%
Social Sciences	0,99%	0,93%	0,98%	0,94%	0,82%
Agricultural Sciences	---	1,67%	5,22%	2,99%	0,72%
Plant & Animal Science	1,90%	2,56%	---	---	---
Immunology	---	---	4,00%	---	---
Neuroscience & Behavior	---	1,69%	---	1,45%	---
Mathematics	0,77%	0,65%	---	0,81%	---
Materials Science	---	---	---	2,22%	---
Chemistry	0,48%	0,48%	0,47%	0,53%	---
Multidisciplinary	---	---	---	---	---

Tabla 31. Número y porcentaje de trabajos altamente citados (highly cited papers) de la UGR en el quinquenio 2014-2018 por categoría Web of Science

Categoría Web of Science	% Docs in Top 1%	% Docs in Top 10%	% Highly Cited Papers	Nº Highly Cited Papers ▼
PHYSICS PARTICLES & FIELDS	10,05%	35,31%	9,59%	63
ASTRONOMY & ASTROPHYSICS	9,19%	35,86%	10,27%	57
COMPUTER SCIENCE ARTIFICIAL INTELLIGENCE	4,93%	20,77%	6,42%	30
PHYSICS NUCLEAR	12,57%	42,08%	7,65%	14
FOOD SCIENCE & TECHNOLOGY	2,62%	20,68%	3,40%	13
NUTRITION & DIETETICS	1,26%	10,05%	2,15%	12
PHYSICS MULTIDISCIPLINARY	1,65%	17,03%	4,95%	9
COMPUTER SCIENCE INFORMATION SYSTEMS	4,98%	27,36%	3,98%	8
COMPUTER SCIENCE INTERD. APPLICATIONS	2,54%	14,49%	2,54%	7
COMPUTER SCIENCE THEORY & METHODS	7,46%	22,39%	5,22%	7
ECOLOGY	2,63%	11,40%	3,07%	7
CHEMISTRY APPLIED	0,65%	12,90%	3,87%	6
ENVIRONMENTAL SCIENCES	0,18%	10,53%	1,05%	6
ENGINEERING ELECTRICAL & ELECTRONIC	2,57%	13,50%	1,61%	5
GEOSCIENCES MULTIDISCIPLINARY	1,22%	10,02%	1,22%	5
MANAGEMENT	3,03%	20,45%	3,79%	5
BIOCHEMISTRY & MOLECULAR BIOLOGY	0,43%	9,52%	0,87%	4
CARDIAC & CARDIOVASCULAR SYSTEMS	4,29%	14,29%	5,71%	4
MATHEMATICS, APPLIED	1,00%	9,23%	1,00%	4
OPERATIONS RESEARCH & MANAGEMENT SCIENCE	2,54%	17,80%	3,39%	4
PHARMACOLOGY & PHARMACY	1,16%	8,67%	1,16%	4
PLANT SCIENCES	1,71%	8,57%	2,29%	4
AUTOMATION & CONTROL SYSTEMS	5,36%	7,14%	5,36%	3
BUSINESS	1,90%	18,10%	2,86%	3
CHEMISTRY MULTIDISCIPLINARY	---	5,45%	0,82%	3
ENDOCRINOLOGY & METABOLISM	0,79%	14,29%	2,38%	3
ENVIRONMENTAL STUDIES	---	18,48%	3,26%	3
GENETICS & HEREDITY	2,84%	17,61%	1,70%	3
GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	---	9,91%	2,70%	3
INFORMATION SCIENCE & LIBRARY SCIENCE	0,55%	12,64%	1,65%	3
NEUROSCIENCES	0,96%	9,24%	0,96%	3
PSYCHIATRY	1,76%	11,76%	1,76%	3
PSYCHOLOGY MULTIDISCIPLINARY	0,79%	6,75%	1,19%	3
SPORT SCIENCES	1,97%	11,18%	0,99%	3
TOXICOLOGY	7,59%	27,85%	3,80%	3
AGRICULTURE MULTIDISCIPLINARY	---	20,83%	4,17%	2
CHEMISTRY MEDICINAL	1,87%	7,48%	1,87%	2
CHEMISTRY PHYSICAL	---	2,47%	0,62%	2
COMPUTER SCIENCE CYBERNETICS	6,90%	13,79%	6,90%	2
CRITICAL CARE MEDICINE	4,00%	16,00%	8,00%	2
ENERGY & FUELS	---	9,76%	1,63%	2
ENGINEERING ENVIRONMENTAL	---	6,59%	1,20%	2
GEOCHEMISTRY & GEOPHYSICS	0,89%	7,56%	0,89%	2
GEOGRAPHY	---	13,46%	3,85%	2
GEOGRAPHY PHYSICAL	---	14,91%	1,75%	2
HEALTH CARE SCIENCES & SERVICES	2,22%	8,89%	2,22%	2
HEALTH POLICY & SERVICES	2,70%	18,92%	5,41%	2
INSTRUMENTS & INSTRUMENTATION	1,94%	6,45%	1,29%	2
MATERIALS SCIENCE MULTIDISCIPLINARY	0,28%	5,00%	0,56%	2
METEOROLOGY & ATMOSPHERIC SCIENCES	0,75%	12,03%	1,50%	2
MICROBIOLOGY	1,83%	7,93%	1,22%	2
ONCOLOGY	0,42%	14,58%	0,83%	2
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Tabla 32. Investigadores de universidades españolas que figuran en los listados de Investigadores Altamente Citados – Highly Cited Researchers (HCR) del año 2018 elaboradores por Clarivate Analytics a partir de los datos de citación de Web of Science

Nombre	Apellidos	Áreas donde el investigador es altamente citado	Universidad de afiliación
Gomez-Baggethun	Erik	Cross-Field	Univ Autónoma Barcelona
Torres	Tomas	Cross-Field	Univ Autónoma Madrid
Arroyo	Vicente	Cross-Field	Univ Barcelona
Campo	Elias	Clinical Medicine	Univ Barcelona
Dalmau	Josep	Neuroscience & Behavior	Univ Barcelona
Estruch	Ramon	Agricultural Sciences	Univ Barcelona
Graus	Francesc	Neuroscience & Behavior	Univ Barcelona
Lamuela-Raventos	Rosa M.	Agricultural Sciences	Univ Barcelona
Llovet	Josep M.	Clinical Medicine	Univ Barcelona
Panes	Julian	Cross-Field	Univ Barcelona
Ros	Emilio	Cross-Field	Univ Barcelona
Tolosa	Eduardo	Neuroscience & Behavior	Univ Barcelona
Vieta	Eduard	Psychiatry/Psychology	Univ Barcelona
Zamorano	Jose Luis	Clinical Medicine	Univ Clin San Carlos
Luis Arsuaga	Juan	Social Sciences, general	Univ Complutense Madrid
Vallet-Regi	Maria	Cross-Field	Univ Complutense Madrid
Luque	Rafael	Cross-Field	Univ Córdoba
Plaza	Antonio J.	Cross-Field	Univ Extremadura
Alonso	S.	Cross-Field	Univ Granada
Cabrerizo	Javier	Cross-Field	Univ Granada
Chiclana	Francisco	Computer Science	Univ Granada
García	Salvador	Computer Science	Univ Granada
Herrera	Francisco	Computer Science/Engineering	Univ Granada
Herrera-Viedma	Enrique	Computer Science/Engineering	Univ Granada
Luengo	Julián	Computer Science	Univ Granada
Sánchez	María José	Cross-Field	Univ Granada
Flexas	Jaume	Plant & Animal Science	Univ Islas Baleares
Galmes	Jeroni	Plant & Animal Science	Univ Islas Baleares