FÃ©lix de Moya AnegÃ³n

List of Publications by Year
in descending order

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149 papers	4,728 citations	109137 35 h-index	128067 60 g-index
155 all docs	155 docs citations	155 times ranked	3418 citing authors

#	Article	IF	Citations
1	A new approach to the metric of journalsâ€™ scientific prestige: The SJR indicator. Journal of Informetrics, 2010, 4, 379-391.	1.4	489
2	A further step forward in measuring journalsâ€™ scientific prestige: The SJR2 indicator. Journal of Informetrics, 2012, 6, 674-688.	1.4	252
3	Coverage analysis of Scopus: A journal metric approach. Scientometrics, 2007, 73, 53-78.	1.6	238
4	The evolution of research activity in Spain. Research Policy, 2003, 32, 123-142.	3.3	177
5	A new technique for building maps of large scientific domains based on the cocitation of classes and categories. Scientometrics, 2004, 61, 129-145.	1.6	132
6	The new Excellence Indicator in the World Report of the SCImago Institutions Rankings 2011. Journal of Informetrics, 2012, 6, 333-335.	1.4	119
7	Coverage and citation impact of oncological journals in the Web of Science and Scopus. Journal of Informetrics, 2008, 2, 304-316.	1.4	118
8	Quantifying the benefits of international scientific collaboration. Journal of the Association for Information Science and Technology, 2013, 64, 392-404.	2.6	99
9	Visualizing the marrow of science. Journal of the Association for Information Science and Technology, 2007, 58, 2167-2179.	2.6	86
10	Detecting, identifying and visualizing research groups in co-authorship networks. Scientometrics, 2010, 82, 307-319.	1.6	80
11	Open access and Scopus: A new approach to scientific visibility from the standpoint of access. Journal of the Association for Information Science and Technology, 2011, 62, 1130-1145.	2.6	76
12	Do Scientific Advancements Lean on the Shoulders of Giants? A Bibliometric Investigation of the Ortega Hypothesis. PLoS ONE, 2010, 5, e13327.	1.1	75
13	Bibliometric analysis of regional Latin America's scientific output in Public Health through SCImago Journal & Country Rank. BMC Public Health, 2014, 14, 632.	1.2	72
14	SJR and SNIP: two new journal metrics in Elsevier's Scopus. Serials, 2010, 23, 215-221.	0.5	72
15	Citation-based metrics are appropriate tools in journal assessment provided that they are accurate and used in an informed way. Scientometrics, 2012, 92, 367-376.	1.6	66
16	The research guarantors of scientific papers and the output counting: a promising new approach. Scientometrics, 2013, 97, 421-434.	1.6	61
17	World dental research production: an ISI database approach (1999-2003). European Journal of Oral Sciences, 2006, 114, 102-108.	0.7	60
18	Journal maps on the basis of Scopus data: A comparison with the Journal Citation Reports of the ISI. Journal of the Association for Information Science and Technology, 2010, 61, 352-369.	2.6	55

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19	Citation flows in the zones of influence of scientific collaborations. Journal of the Association for Information Science and Technology, 2012, 63, 481-489.	2.6	55
20	Comparing bibliometric country-by-country rankings derived from the Web of Science and Scopus: the effect of poorly cited journals in oncology. Journal of Information Science, 2009, 35, 244-256.	2.0	54
21	A connectionist and multivariate approach to science maps: the SOM, clustering and MDS applied to library and information science research. Journal of Information Science, 2006, 32, 63-77.	2.0	53
22	What lies behind the averages and significance of citation indicators in different disciplines?. Journal of Information Science, 2010, 36, 371-382.	2.0	51
23	New Approach to the Visualization of International Scientific Collaboration. Information Visualization, 2010, 9, 277-287.	1.2	51
24	Latin American scientific output in Public Health: combined analysis using bibliometric, socioeconomic and health indicators. Scientometrics, 2015, 102, 609-628.	1.6	49
25	Citation increments between collaborating countries. Scientometrics, 2013, 94, 817-831.	1.6	48
26	Ranking and mapping of universities and research-focused institutions worldwide based on highly-cited papers. Online Information Review, 2014, 38, 43-58.	2.2	45
27	Order-based fitness functions for genetic algorithms applied to relevance feedback. Journal of the Association for Information Science and Technology, 2003, 54, 152-160.	2.6	44
28	A new variant of the Pathfinder algorithm to generate large visual science maps in cubic time. Information Processing and Management, 2008, 44, 1611-1623.	5.4	44
29	International collaboration in <scp>M</scp>edical <scp>R</scp>esearch in <scp>L</scp>atin <scp>A</scp>merica and the <scp>C</scp>aribbean (2003â€“2007). Journal of the Association for Information Science and Technology, 2012, 63, 2223-2238.	2.6	44
30	What is the effect of country-specific characteristics on the research performance of scientific institutions? Using multi-level statistical models to rank and map universities and research-focused institutions worldwide. Journal of Informetrics, 2014, 8, 581-593.	1.4	44
31	The actual citation impact of European oncological research. European Journal of Cancer, 2008, 44, 228-236.	1.3	43
32	A ranking of universities should account for differences in their disciplinary specialization. Scientometrics, 2011, 88, 563-574.	1.6	43
33	Co-word based thematic analysis of renewable energy (1990â€“2010). Scientometrics, 2013, 97, 743-765.	1.6	43
34	Document organization using Kohonen's algorithm. Information Processing and Management, 2002, 38, 79-89.	5.4	42
35	A test of genetic algorithms in relevance feedback. Information Processing and Management, 2002, 38, 793-805.	5.4	41
36	Journal maps, interactive overlays, and the measurement of interdisciplinarity on the basis of <scp>S</scp>copus data (1996â€“2012). Journal of the Association for Information Science and Technology, 2015, 66, 1001-1016.	1.5	39

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37	Relationship between downloads and citations at journal and paper levels, and the influence of language. Scientometrics, 2014, 101, 1043-1065.	1.6	38
38	A quick MSTâ€based algorithm to obtain Pathfinder networks (âˆž, n â€" 1). Journal of the Association for Information Science and Technology, 2008, 59, 1912-1924.	2.6	34
39	Visualization of scientific coâ€authorship in Spanish universities. ASLIB Proceedings, 2009, 61, 83-100.	1.2	34
40	Genetic algorithms in relevance feedback: a second test and new contributions. Information Processing and Management, 2003, 39, 669-687.	5.4	33
41	Import-export of knowledge between scientific subject categories: The iceberg hypothesis. Scientometrics, 2007, 71, 423-441.	1.6	33
42	Is concentration of university research associated with better research performance?. Journal of Informetrics, 2011, 5, 649-658.	1.4	33
43	Categorization of E-learning as an emerging discipline in the world publication system: a bibliometric study in SCOPUS. International Journal of Educational Technology in Higher Education, 2018, 15, .	4.5	33
44	The Use of OPAC in a Large Academic Library: A Transactional Log Analysis Study of Subject Searching. Journal of Academic Librarianship, 2007, 33, 327-337.	1.3	32
45	Do universities or research institutions with a specific subject profile have an advantage or a disadvantage in institutional rankings?. Journal of the Association for Information Science and Technology, 2013, 64, 2310-2316.	2.6	32
46	Statistical relationships between corresponding authorship, international co-authorship and citation impact of national research systems. Journal of Informetrics, 2018, 12, 1251-1262.	1.4	32
47	Are nationally oriented journals indexed in Scopus becoming more international? The effect of publication language and access modality. Journal of Informetrics, 2020, 14, 101011.	1.4	32
48	Comparative Analysis of the Bibliographic Data Sources Dimensions and Scopus: An Approach at the Country and Institutional Levels. Frontiers in Research Metrics and Analytics, 2020, 5, 593494.	0.9	32
49	Improving SCImago Journal & Country Rank (SJR) subject classification through reference analysis. Scientometrics, 2011, 89, 741-758.	1.6	31
50	Blockmodeling of co-authorship networks in library and information science in Argentina: a case study. Scientometrics, 2012, 93, 699-717.	1.6	31
51	Domain analysis and information retrieval through the construction of heliocentric maps based on ISI-JCR category cocitation. Information Processing and Management, 2005, 41, 1520-1533.	5.4	26
52	What factors affect the visibility of Argentinean publications in humanities and social sciences in Scopus? Some evidence beyond the geographic realm of research. Scientometrics, 2015, 102, 789-810.	1.6	26
53	Analysis of Europeâ€™s scientific production on renewable energies. Renewable Energy, 2011, 36, 2529-2537.	4.3	25
54	Aggregated journalâ€"journal citation relations in scopus and web of science matched and compared in terms of networks, maps, and interactive overlays. Journal of the Association for Information Science and Technology, 2016, 67, 2194-2211.	1.5	25

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55	Publishing Trends in Library and Information Sciences Across European Countries and Institutions. Journal of Academic Librarianship, 2016, 42, 27-37.	1.3	25
56	Graphical interface of the <i>SCImago Journal and Country Rank</i>: an interactive approach to accessing bibliometric information. Profesional De La Informacion, 2014, 23, 272-278.	2.7	25
57	Term conflation methods in information retrieval. Journal of Documentation, 2005, 61, 520-547.	0.9	24
58	The unification of institutional addresses applying parametrized finite-state graphs (P-FSG). Scientometrics, 2006, 69, 323-345.	1.6	24
59	Standardizing formats of corporate source data. Scientometrics, 2007, 70, 3-26.	1.6	24
60	The different flavors of research collaboration: a case study of their influence on university excellence in four world regions. Scientometrics, 2012, 93, 41-58.	1.6	24
61	Optimizing SCImago Journal & Country Rank classification by community detection. Journal of Informetrics, 2014, 8, 369-383.	1.4	23
62	Approximate personal nameâ€matching through finiteâ€state graphs. Journal of the Association for Information Science and Technology, 2007, 58, 1960-1976.	2.6	21
63	Challenges in the study of Cuban scientific output. Scientometrics, 2010, 83, 723-737.	1.6	21
64	Do journals flipping to gold open access show an OA citation or publication advantage?. Scientometrics, 2020, 124, 2551-2575.	1.6	21
65	Graph-based data mining: A new tool for the analysis and comparison of scientific domains represented as scientograms. Journal of Informetrics, 2010, 4, 291-312.	1.4	19
66	Somes patterns of Cuban scientific publication in Scopus: the current situation and challenges. Scientometrics, 2015, 103, 779-794.	1.6	19
67	Binary Pathfinder: An improvement to the Pathfinder algorithm. Information Processing and Management, 2006, 42, 1484-1490.	5.4	18
68	The iceberg hypothesis revisited. Scientometrics, 2010, 85, 443-461.	1.6	18
69	Updating the <scp>SCI</scp>mago journal and country rank classification: A new approach using <scp>W</scp>ard's clustering and alternative combination of citation measures. Journal of the Association for Information Science and Technology, 2016, 67, 178-190.	1.5	18
70	Data mining in a closed Web environment. Scientometrics, 2003, 58, 623-640.	1.6	17
71	A new approach to institutional domain analysis: Multilevel research fronts structure. Scientometrics, 2008, 74, 331-344.	1.6	17
72	World scientific production on renewable energy, sustainability and the environment. Energy for Sustainable Development, 2012, 16, 500-508.	2.0	17

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73	Worldwide Topology of the Scientific Subject Profile: A Macro Approach in the Country Level. PLoS ONE, 2013, 8, e83222.	1.1	17
74	Output, collaboration and impact of e-learning research: Bibliometric analysis and visualizations at the country and institutional level (Scopus 2003-2016). Profesional De La Informacion, 2018, 27, 1082.	2.7	17
75	AnÃ¡lisis de la auditorÃa en revistas espaÃ±olas de BiblioteconomÃa y DocumentaciÃ³n, 1975-1995. Revista Espanola De Documentacion Cientifica, 1997, 20, 252-266.	0.1	17
76	Fuzzy logic and multiobjective evolutionary algorithms as soft computing tools for persistent query learning in text retrieval environments. , 0, , .		16
77	Analysis of Scientific Production in Food Science from 2003 to 2013. Journal of Food Science, 2015, 80, R2619-26.	1.5	16
78	Scientific output of the emerging Cuban biopharmaceutical industry: a scientometric approach. Scientometrics, 2016, 108, 1621-1636.	1.6	16
79	Benchmarking scientific performance by decomposing leadership of Cuban and Latin American institutions in Public Health. Scientometrics, 2016, 106, 1239-1264.	1.6	16
80	Global analysis of the E-learning scientific domain: a declining category?. Scientometrics, 2018, 114, 675-685.	1.6	15
81	Comparison of neural models for document clustering. International Journal of Approximate Reasoning, 2003, 34, 287-305.	1.9	14
82	Comparative analysis of webometric measurements in thematic environments. Journal of the Association for Information Science and Technology, 2005, 56, 779-785.	2.6	14
83	Showing the Essential Science Structure of a Scientific Domain and its Evolution. Information Visualization, 2010, 9, 288-300.	1.2	14
84	Reduction of the dimension of a document space using the fuzzified output of a Kohonen network. Journal of the Association for Information Science and Technology, 2001, 52, 1234-1241.	2.6	13
85	Using co-outlinks to mine heterogeneous networks. Scientometrics, 2009, 79, 681-702.	1.6	13
86	A dictionaryâ€based approach to normalizing gene names in one domain of knowledge from the biomedical literature. Journal of Documentation, 2012, 68, 5-30.	0.9	13
87	New Scientometricâ€Based Knowledge Map of Food Science Research (2003 to 2014). Comprehensive Reviews in Food Science and Food Safety, 2016, 15, 1040-1055.	5.9	13
88	Visibilidad internacional de la producciÃ³n cientÃfica iberoamericana en biblioteconomÃa y documentaciÃ³n (1991-2000). Ciencia Da Informacao, 2002, 31, 54-65.	0.1	13
89	ProducciÃ³n cientÃfica cubana en Medicina y Salud PÃºblica: Scopus 2003-2011. Transinformacao, 2014, 26, 281-293.	0.2	12
90	Colegios visibles: estructuras de coparticipaciÃ³n en tribunales de tesis doctorales de biblioteconomÃa y documentaciÃ³n en EspaÃ±a. Profesional De La Informacion, 2009, 18, 41-49.	2.7	12

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91	AnÃ¡lisis de dominios cientÃficos nacionales en ComunicaciÃ³n (Scopus, 2003-2018). Profesional De La Informacion, 0, , .	2.7	12
92	The impact of the socio-economic crisis of 2001 on the scientific system of Argentina from the scientometric perspective. Scientometrics, 2010, 85, 495-507.	1.6	11
93	Excellence networks in science: A Web-based application based on Bayesian multilevel logistic regression (BMLR) for the identification of institutions collaborating successfully. Journal of Informetrics, 2016, 10, 312-327.	1.4	11
94	VisualizaciÃ³n y anÃ¡lisis de la estructura cientÃfica espaÃ±ola: ISI Web of science 1990-2005. Profesional De La Informacion, 2006, 15, 258-269.	2.7	11
95	Asia vista con el SCImago Journal & Country Rank (SJR). Profesional De La Informacion, 2008, 17, 677-678.	2.7	11
96	Self-organizing maps of Web spaces based on formal characteristics. Information Processing and Management, 2005, 41, 331-346.	5.4	10
97	Expansion of scientific journal categories using reference analysis: How can it be done and does it make a difference?. Scientometrics, 2009, 79, 473-490.	1.6	10
98	Synthetic hybrid indicators based on scientific collaboration to quantify and evaluate individual research results. Journal of Informetrics, 2009, 3, 91-101.	1.4	10
99	What proportion of excellent papers makes an institution one of the best worldwide? Specifying thresholds for the interpretation of the results of the <scp>SCI</scp>mago Institutions Ranking and the Leiden Ranking. Journal of the Association for Information Science and Technology, 2014, 65, 732-736.	1.5	10
100	Visualization and analysis of SCImago Journal & Country Rank structure via journal clustering. Aslib Journal of Information Management, 2016, 68, 607-627.	1.3	10
101	Liderazgo y excelencia de la ciencia espaÃ±ola. Profesional De La Informacion, 2012, 21, 125-128.	2.7	10
102	How to interpret the position of private sector institutions in bibliometric rankings of research institutions. Scientometrics, 2014, 98, 283-298.	1.6	9
103	The citation impact of social sciences and humanities upon patentable technology. Scientometrics, 2020, 125, 1665-1687.	1.6	9
104	Psychological Research Collaboration and Visibility in Iberoamerica. Psicologia: Reflexao E Critica, 0, 28, 72-81.	0.4	9
105	Atlas of scientific institutions in food science (Scopus, 2003â€“2013). LWT - Food Science and Technology, 2016, 67, 133-142.	2.5	8
106	The role of guarantor in scientific collaboration: The neighbourhood matters. Journal of Informetrics, 2017, 11, 103-116.	1.4	8
107	Calculating the excellence shift: How efficiently do institutions produce highly cited papers?. Scientometrics, 2017, 112, 1859-1864.	1.6	8
108	EvoluciÃ³n de la estructura cientÃfica espaÃ±ola: ISI Web of Science 1990-2005. Profesional De La Informacion, 2008, 17, 22-37.	2.7	8

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109	PolÃtica nacional y visibilidad internacional. El caso colombiano. Profesional De La Informacion, 2013, 22, 529-536.	2.7	8
110	Study of national scientific journals. The Spanish case (1950-90). Revista Espanola De Documentacion Cientifica, 2001, 24, .	0.1	8
111	"Human" epistemologic perspectives in documentation. Revista Espanola De Documentacion Cientifica, 2002, 25, .	0.1	8
112	IntroducciÃ³n al anÃ¡lisis de redes. Profesional De La Informacion, 2008, 17, 664-669.	2.7	8
113	Methods for the Analysis of the Uses of Scientific Information: The Case of the University of Extremadura (1996â€“7). Libri, 2002, 52, .	0.5	7
114	â€œSitationâ€•distributions and Bradford's law in a closed Web space. Journal of Documentation, 2003, 59, 558-580.	0.9	7
115	R&D collaboration in 50 major Spanish companies. ASLIB Proceedings, 2011, 63, 5-27.	1.2	7
116	Ranking and mappping of universities and research-focused institutions worldwide: The third release of excellencemapping.net. Collnet Journal of Scientometrics and Information Management, 2015, 9, 65-72.	0.4	7
117	Spatial bibliometrics on the city level. Journal of Information Science, 2019, 45, 416-425.	2.0	7
118	Journals in Beall's list perform as a group less well than other open access journals indexed in Scopus but reveal large differences among publishers. Learned Publishing, 2022, 35, 130-139.	0.8	7
119	Automatic extraction of relationships between terms by means of Kohonen's algorithm. Library and Information Science Research, 2002, 24, 235-250.	1.2	6
120	Methods for Analysing Web Citations: A Study of Web-Coupling in a Closed Environment. Libri, 2004, 54, .	0.5	6
121	An evaluation of conflation accuracy using finiteâ€state transducers. Journal of Documentation, 2006, 62, 328-349.	0.9	6
122	Some interesting insights from aggregated data published in the World Report SIR 2010. Journal of Informetrics, 2011, 5, 486-488.	1.4	5
123	How Efficiently Do Elite US Universities Produce Highly Cited Papers?. Publications, 2019, 7, 4.	1.9	5
124	La ciencia de los alimentos georreferenciada. AproximaciÃ³n bibliomÃ©trica a nivel institucional. Profesional De La Informacion, 2016, 25, 25.	2.7	5
125	Methodological approach for the identification of the profile and collaboration patterns of university scientific domains. Revista Espanola De Documentacion Cientifica, 2006, 29, .	0.1	5
126	ProducciÃ³n tecnolÃ³gica latinoamericana con mayor visibilidad internacional: 1996-2007. Un estudio de caso: Brasil. Revista Espanola De Documentacion Cientifica, 2010, 33, 34-62.	0.1	5

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127	Bibliographic Displays of Web-based OPACs: Multivariate Analysis Applied to Latin-American Catalogues. Libri, 2001, 51, .	0.5	4
128	Visibility and responsibility of women in research papers through the order of signatures: the case of the University of Extremadura, 1990â€“2005. Scientometrics, 2009, 81, 225-238.	1.6	4
129	Measuring the usage of eâ€research infrastructure as an indicator of research activity. Journal of the Association for Information Science and Technology, 2012, 63, 1374-1382.	2.6	4
130	Web structure and influence of the Arab universities of the MENA zone (Middle East and North) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.2	4
131	Mapping the impact of papers on various status groups in excellencemapping.net: a new release of the excellence mapping tool based on citation and reader scores. Scientometrics, 2021, 126, 9305-9331.	1.6	4
132	Map of scientific research on Communication in Spain: study fronts and rankings of authors, publications and institutions. Profesional De La Informacion, 0, , .	2.7	4
133	SIR Iber 2021. Ranking Iberoamericano de Instituciones de EducaciÃ³n Superior 2021. , 0, , .		3
134	Patrones de especializaciÃ³n de la investigaciÃ³n cubana en salud. Revista Cubana De Salud Publica, 0, 38, 734-747.	0.0	3
135	International research impact and scientific collaboration of universities from Catalonia. 2000-2004. Revista Espanola De Documentacion Cientifica, 2008, 31, .	0.1	3
136	El anÃ¡lisis de patentes como estrategia para la toma de decisiones innovadoras. Profesional De La Informacion, 2008, 17, 293-302.	2.7	3
137	Enfoques en torno al modelo cognitivo para la recuperaciÃ³n de informaciÃ³n: anÃ¡lisis crÃtico. Ciencia Da Informacao, 2002, 31, 107-119.	0.1	2
138	AproximaciÃ³n cienciomÃ©trica a la investigaciÃ³n en comunicaciÃ³n: el caso de Marshall McLuhan A scientometric approach to communication research: the Marshall McLuhan case. Profesional De La Informacion, 2008, 17, 303-309.	2.7	2
139	Letter. Research evaluation entities cause a shift of publication to Q1 journals. Profesional De La Informacion, 0, , .	2.7	2
140	Redes de colaboraciÃ³n cientÃfica: anÃ¡lisis y visualizaciÃ³n de patrones de coautorÃa (Antonio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 2010, 19, 315-316.	2.7	2
141	Encoded archival description (EAD) conversion: a methodological proposal. Library Hi Tech, 2000, 18, 360-368.	3.7	1
142	A web application for aggregating conflicting reviewersâ€™ preferences. Scientometrics, 2014, 99, 523-539.	1.6	1
143	Mapping a Research Field: Analyzing the Research Fronts in an Emerging Discipline. , 2018, , .		1
144	A further step forward in measuring journalsâ€™ technological factor. Profesional De La Informacion, 0, , .	2.7	1

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145	Estudio comparativo de seis dominios cientÃficos nacionales. Revista Espanola De Documentacion Cientifica, 2009, 32, 9-28.	0.1	1
146	AnÃ¡lisis de la producciÃ³n cientÃfica mundial por regiones. Profesional De La Informacion, 2007, 16, 158-159.	2.7	1
147	Ranking de instituciones de investigaciÃ³n iberoamericanas (RI 3). Profesional De La Informacion, 2007, 16, 258-260.	2.7	1
148	Patrones de citaciÃ³n de la revista El profesional de la informaciÃ³n. Profesional De La Informacion, 2009, 18, 433-436.	2.7	0
149	TÃ©cnicas para la visualizaciÃ³n de dominios cientÃficos y tecnolÃ³gicos. Investigacion Bibliotecologica, 2018, , 17.	0.0	0