

# Rosa Rodriguez-Snchez

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

78  
papers

424  
citations

10  
h-index

16  
g-index

82  
ext. papers

493  
ext. citations

3.2  
avg, IF

3.81  
L-index

#	Paper	IF	Citations
78	Information theoretic measure for visual target distinctness. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2001</b> , 23, 362-383	13.3	35
77	Mapping citation patterns of book chapters in the Book Citation Index. <i>Journal of Informetrics</i> , <b>2013</b> , 7, 412-424	3.1	29
76	The RGFF representational model: a system for the automatically learned partitioning of "visual patterns" in digital images. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>1999</b> , 21, 1044-1073	13.3	28
75	The author-editor game. <i>Scientometrics</i> , <b>2015</b> , 104, 361-380	3	20
74	Mapping academic institutions according to their journal publication profile: Spanish universities as a case study. <i>Journal of the Association for Information Science and Technology</i> , <b>2012</b> , 63, 2328-2340		20
73	On first quartile journals which are not of highest impact. <i>Scientometrics</i> , <b>2012</b> , 90, 925-943	3	19
72	Rational systems exhibit moderate risk aversion with respect to gambles on variable-resolution compression. <i>Optical Engineering</i> , <b>2002</b> , 41, 2216	1.1	18
71	Bias and effort in peer review. <i>Journal of the Association for Information Science and Technology</i> , <b>2015</b> , 66, 2020-2030	2.7	14
70	Ranking of the subject areas of Scopus. <i>Journal of the Association for Information Science and Technology</i> , <b>2011</b> , 62, 2013-2023		13
69	Confirmatory bias in peer review. <i>Scientometrics</i> , <b>2020</b> , 123, 517-533	3	10
68	Ranking of research output of universities on the basis of the multidimensional prestige of influential fields: Spanish universities as a case of study. <i>Scientometrics</i> , <b>2012</b> , 93, 1081-1099	3	10
67	The principal-agent problem in peer review. <i>Journal of the Association for Information Science and Technology</i> , <b>2015</b> , 66, 297-308	2.7	9
66	The role of integral features for perceiving image discriminability. <i>Pattern Recognition Letters</i> , <b>1997</b> , 18, 733-740	4.7	9
65	Adverse selection of reviewers. <i>Journal of the Association for Information Science and Technology</i> , <b>2015</b> , 66, 1252-1262	2.7	8
64	Authors and reviewers who suffer from confirmatory bias. <i>Scientometrics</i> , <b>2016</b> , 109, 1377-1395	3	8
63	The author-reviewer game. <i>Scientometrics</i> , <b>2020</b> , 124, 2409-2431	3	8
62	Competition between academic journals for scholars' attention: the NATURE effect in scholarly communication. <i>Scientometrics</i> , <b>2018</b> , 115, 1413-1432	3	7

61	Overall prestige of journals with ranking score above a given threshold. <i>Scientometrics</i> , <b>2011</b> , 89, 229-243		7
60	Análisis de redes de las universidades españolas de acuerdo a su perfil de publicación en revistas por áreas científicas. <i>Revista Espanola De Documentacion Cientifica</i> , <b>2013</b> , 36, e027	0.7	7
59	The Game Between a Biased Reviewer and His Editor. <i>Science and Engineering Ethics</i> , <b>2019</b> , 25, 265-283	3.1	7
58	Scientific subject categories of Web of Knowledge ranked according to their multidimensional prestige of influential journals. <i>Journal of the Association for Information Science and Technology</i> , <b>2012</b> , 63, 1017-1029		6
57	Visual efficiency of image fusion methods. <i>International Journal of Image and Data Fusion</i> , <b>2012</b> , 3, 39-69	1.8	6
56	Dynamics of low-cost transmission on the optimal path. <i>Optical Engineering</i> , <b>2007</b> , 46, 030503	1.1	6
55	Progressive Image Transmission: The Role of Rationality, Cooperation, and Justice <b>2004</b> ,		6
54	Why the referees' reports I receive as an editor are so much better than the reports I receive as an author?. <i>Scientometrics</i> , <b>2016</b> , 106, 967-986	3	5
53	Image inpainting with nonsubsampling contourlet transform. <i>Pattern Recognition Letters</i> , <b>2013</b> , 34, 1508-1518	1.7	5
52	Benchmarking research performance at the university level with information theoretic measures. <i>Scientometrics</i> , <b>2013</b> , 95, 435-452	3	5
51	Axiomatic approach to computational attention. <i>Pattern Recognition</i> , <b>2010</b> , 43, 1618-1630	7.7	5
50	Embedded coder for providing better image quality at very low bit rates. <i>Optical Engineering</i> , <b>2004</b> , 43, 615	1.1	5
49	Minimum error gain for predicting visual target distinctness. <i>Optical Engineering</i> , <b>2001</b> , 40, 1794	1.1	5
48	Defining the notion of visual pattern for predicting visual target distinctness in a complex rural background. <i>Optical Engineering</i> , <b>2000</b> , 39, 415	1.1	5
47	Evolutionary games between authors and their editors. <i>Applied Mathematics and Computation</i> , <b>2016</b> , 273, 645-655	2.7	4
46	The optimal amount of information to provide in an academic manuscript. <i>Scientometrics</i> , <b>2019</b> , 121, 1685-1705	3	4
45	The selection of high-quality manuscripts. <i>Scientometrics</i> , <b>2014</b> , 98, 299-313	3	4
44	A comparison of top economics departments in the US and EU on the basis of the multidimensional prestige of influential articles in 2010. <i>Scientometrics</i> , <b>2012</b> , 93, 681-698	3	4

43	Optimal exploratory effort to build knowledge for video transmission. <i>Optical Engineering</i> , <b>2007</b> , 46, 047401	1.1	4
42	Performance of the Kullback-Leibler information gain for predicting image fidelity		4
41	An evolutionary explanation of assassins and zealots in peer review. <i>Scientometrics</i> , <b>2019</b> , 120, 1373-1385		3
40	Information visibility using transmission methods. <i>Pattern Recognition Letters</i> , <b>2010</b> , 31, 609-618	4.7	3
39	Scale selection using three different representations for images. <i>Pattern Recognition Letters</i> , <b>1997</b> , 18, 1453-1467	4.7	3
38	THE RGF PANDEMONIUM: A LOW-LEVEL REPRESENTATIONAL MODEL FOR IMAGES. <i>Pattern Recognition</i> , <b>1998</b> , 31, 1797-1810	7.7	3
37	The relationship between information prioritization and visual distinctness in two progressive image transmission schemes. <i>Pattern Recognition</i> , <b>2004</b> , 37, 281-297	7.7	3
36	Origins of illusory percepts in digital images. <i>Pattern Recognition</i> , <b>2000</b> , 33, 2007-2017	7.7	3
35	Can a paid model for peer review be sustainable when the author can decide whether to pay or not?. <i>Scientometrics</i> , <b>2022</b> , 127, 1491-1514	3	3
34	Social impact of scholarly articles in a citation network. <i>Journal of the Association for Information Science and Technology</i> , <b>2015</b> , 66, 117-127	2.7	2
33	STRATEGY: a tool for the formulation of peer-review strategies. <i>Scientometrics</i> , <b>2017</b> , 113, 45-60	3	2
32	From computational attention to image fusion. <i>Pattern Recognition Letters</i> , <b>2011</b> , 32, 1778-1795	4.7	2
31	Steady growth of encoding efficiency in progressive transmission. <i>Optical Engineering</i> , <b>2008</b> , 47, 047001	1.1	2
30	Theory of bit allocation analysis. <i>Optical Engineering</i> , <b>2006</b> , 45, 127401	1.1	2
29	Bit-saving path for progressive transmission. <i>Optical Engineering</i> , <b>2007</b> , 46, 117001	1.1	2
28	On the concept of best achievable compression ratio for lossy image coding. <i>Pattern Recognition</i> , <b>2003</b> , 36, 2377-2394	7.7	2
27	CORAL: collective rationality for the allocation of bits. <i>Optical Engineering</i> , <b>2003</b> , 42, 1000	1.1	2
26	Self-control of quantizer risk attitude in rational embedded wavelet image coding. <i>Optical Engineering</i> , <b>2003</b> , 42, 3215	1.1	2

25	Integral opponent-colors features for computing visual target distinctness. <i>Pattern Recognition</i> , <b>2000</b> , 33, 1179-1198	7.7	2
24	How to define the notion of microcalcifications in digitized mammograms		2
23	The author's ignorance on the publication fees is a source of power for publishers. <i>Scientometrics</i> , <b>2019</b> , 121, 1435-1445	3	1
22	Problems with open participation in peer review. <i>Scientometrics</i> , <b>2017</b> , 112, 1881-1885	3	1
21	Best-in-class and strategic benchmarking of scientific subject categories of Web of Science in 2010. <i>Scientometrics</i> , <b>2014</b> , 99, 615-630	3	1
20	Comparative visibility analysis of advertisement images. <i>Signal Processing: Image Communication</i> , <b>2011</b> , 26, 589-611	2.8	1
19	A critical examination of the assumptions used in dynamic allocation. <i>Journal of Visual Communication and Image Representation</i> , <b>2009</b> , 20, 351-363	2.7	1
18	Emergence of region-based transmission when computation is unconstrained. <i>Journal of Visual Communication and Image Representation</i> , <b>2006</b> , 17, 1024-1039	2.7	1
17	Justice in quantizer formation for rational progressive transmission. <i>Optical Engineering</i> , <b>2004</b> , 43, 2105	1.1	1
16	Rate control optimization in embedded wavelet coding. <i>Pattern Recognition Letters</i> , <b>2003</b> , 24, 1469-1487	1.7	1
15	Power of a wavelet coefficient in progressive image transmission. <i>Optical Engineering</i> , <b>2005</b> , 44, 087004	1.1	1
14	Do the best papers have the highest probability of being cited?. <i>Scientometrics</i> , <b>2019</b> , 118, 885-890	3	1
13	Quality censoring in peer review. <i>Scientometrics</i> , <b>2021</b> , 126, 825-830	3	1
12	The editor-manuscript game. <i>Scientometrics</i> , <b>2021</b> , 126, 4277-4295	3	1
11	Evolutionary games between subject categories. <i>Scientometrics</i> , <b>2014</b> , 101, 869-888	3	0
10	A web application for aggregating conflicting reviewers' preferences. <i>Scientometrics</i> , <b>2014</b> , 99, 523-539	3	0
9	The interplay between the reviewer's incentives and the journal's quality standard. <i>Scientometrics</i> , <b>2021</b> , 126, 3041-3061	3	0
8	Editorial decisions with informed and uninformed reviewers. <i>Scientometrics</i> , <b>2018</b> , 117, 25-43	3	

7	How the same organizational structures can arise across seemingly unrelated domains of human activities: the example of academic publishing and stock market. <i>Scientometrics</i> , <b>2014</b> , 99, 447-461	3
6	Analysis of coding risks in progressive transmission. <i>Signal Processing: Image Communication</i> , <b>2012</b> , 27, 39-53	2.8
5	Sustainable image transmission. <i>Journal of Visual Communication and Image Representation</i> , <b>2012</b> , 23, 134-142	2.7
4	Relevance of knowledge from bit-saving in progressive transmission. <i>Journal of Visual Communication and Image Representation</i> , <b>2010</b> , 21, 741-750	2.7
3	Automatic and optimal hierarchical quantizer decomposition to build knowledge for video transmission. <i>Optical Engineering</i> , <b>2007</b> , 46, 107402	1.1
2	Coder selection for lossy compression of still images. <i>Pattern Recognition</i> , <b>2002</b> , 35, 2489-2509	7.7
1	Best Achievable Compression Ratio for Lossy Image Coding. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 263-270	0.9