

Rosa Rodriguez-Sánchez

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

567
citations

840119

11
h-index

839053

18
g-index

82
all docs

82
docs citations

82
times ranked

337
citing authors

#	ARTICLE	IF	CITATIONS
1	Information theoretic measure for visual target distinctness. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2001, 23, 362-383.	9.7	42
2	The RGFF representational model: a system for the automatically learned partitioning of "visual patterns" in digital images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1999, 21, 1044-1073.	9.7	33
3	Mapping citation patterns of book chapters in the Book Citation Index. Journal of Informetrics, 2013, 7, 412-424.	1.4	31
4	On first quartile journals which are not of highest impact. Scientometrics, 2012, 90, 925-943.	1.6	30
5	The authorâ€™editor game. Scientometrics, 2015, 104, 361-380.	1.6	27
6	Mapping academic institutions according to their journal publication profile: Spanish universities as a case study. Journal of the Association for Information Science and Technology, 2012, 63, 2328-2340.	2.6	22
7	Ranking of the subject areas of Scopus. Journal of the Association for Information Science and Technology, 2011, 62, 2013-2023.	2.6	20
8	Rational systems exhibit moderate risk aversion with respect to â€™gamblesâ€™ on variable-resolution compression. Optical Engineering, 2002, 41, 2216.	0.5	19
9	Confirmatory bias in peer review. Scientometrics, 2020, 123, 517-533.	1.6	16
10	The principalâ€™agent problem in peer review. Journal of the Association for Information Science and Technology, 2015, 66, 297-308.	1.5	15
11	Bias and effort in peer review. Journal of the Association for Information Science and Technology, 2015, 66, 2020-2030.	1.5	14
12	The authorâ€™reviewer game. Scientometrics, 2020, 124, 2409-2431.	1.6	14
13	Ranking of research output of universities on the basis of the multidimensional prestige of influential fields: Spanish universities as a case of study. Scientometrics, 2012, 93, 1081-1099.	1.6	11
14	Authors and reviewers who suffer from confirmatory bias. Scientometrics, 2016, 109, 1377-1395.	1.6	11
15	Competition between academic journals for scholarsâ€™ attention: the â€™Nature effectâ€™ in scholarly communication. Scientometrics, 2018, 115, 1413-1432.	1.6	11
16	The Game Between a Biased Reviewer and His Editor. Science and Engineering Ethics, 2019, 25, 265-283.	1.7	11
17	The role of integral features for perceiving image discriminability. Pattern Recognition Letters, 1997, 18, 733-740.	2.6	10
18	Adverse selection of reviewers. Journal of the Association for Information Science and Technology, 2015, 66, 1252-1262.	1.5	10

#	ARTICLE	IF	CITATIONS
19	Can a paid model for peer review be sustainable when the author can decide whether to pay or not?. <i>Scientometrics</i> , 2022, 127, 1491-1514.	1.6	10
20	Overall prestige of journals with ranking score above a given threshold. <i>Scientometrics</i> , 2011, 89, 229-243.	1.6	9
21	Progressive Image Transmission: The Role of Rationality, Cooperation, and Justice. , 2004, , .		9
22	Análisis de redes de las universidades españolas de acuerdo a su perfil de publicación en revistas por áreas científicas. <i>Revista Española De Documentación Científica</i> , 2013, 36, e027.	0.1	9
23	Minimum error gain for predicting visual target distinctness. <i>Optical Engineering</i> , 2001, 40, 1794.	0.5	7
24	Performance of the Kullback-Leibler information gain for predicting image fidelity. , 0, , .		7
25	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> , 2012, 93, 681-698.	1.6	7
26	Image inpainting with nonsubsampling contourlet transform. <i>Pattern Recognition Letters</i> , 2013, 34, 1508-1518.	2.6	7
27	Why the referees' reports I receive as an editor are so much better than the reports I receive as an author?. <i>Scientometrics</i> , 2016, 106, 967-986.	1.6	7
28	The interplay between the reviewer's incentives and the journal's quality standard. <i>Scientometrics</i> , 2021, 126, 3041-3061.	1.6	7
29	Embedded coder for providing better image quality at very low bit rates. <i>Optical Engineering</i> , 2004, 43, 615.	0.5	6
30	Dynamics of low-cost transmission on the optimal path. <i>Optical Engineering</i> , 2007, 46, 030503.	0.5	6
31	Axiomatic approach to computational attention. <i>Pattern Recognition</i> , 2010, 43, 1618-1630.	5.1	6
32	Visual efficiency of image fusion methods. <i>International Journal of Image and Data Fusion</i> , 2012, 3, 39-69.	0.8	6
33	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> , 2012, 63, 1017-1029.	2.6	6
34	Benchmarking research performance at the university level with information theoretic measures. <i>Scientometrics</i> , 2013, 95, 435-452.	1.6	6
35	Origins of illusory percepts in digital images. <i>Pattern Recognition</i> , 2000, 33, 2007-2017.	5.1	5
36	Defining the notion of visual pattern for predicting visual target distinctness in a complex rural background. <i>Optical Engineering</i> , 2000, 39, 415.	0.5	5

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37	Evolutionary games between authors and their editors. Applied Mathematics and Computation, 2016, 273, 645-655.	1.4	5
38	The optimal amount of information to provide in an academic manuscript. Scientometrics, 2019, 121, 1685-1705.	1.6	5
39	Do the best papers have the highest probability of being cited?. Scientometrics, 2019, 118, 885-890.	1.6	5
40	Scale selection using three different representations for images. Pattern Recognition Letters, 1997, 18, 1453-1467.	2.6	4
41	On the concept of best achievable compression ratio for lossy image coding. Pattern Recognition, 2003, 36, 2377-2394.	5.1	4
42	Optimal exploratory effort to build knowledge for video transmission. Optical Engineering, 2007, 46, 047401.	0.5	4
43	The selection of high-quality manuscripts. Scientometrics, 2014, 98, 299-313.	1.6	4
44	An evolutionary explanation of assassins and zealots in peer review. Scientometrics, 2019, 120, 1373-1385.	1.6	4
45	The editor-manuscript game. Scientometrics, 2021, 126, 4277-4295.	1.6	4
46	THE RGF PANDEMONIUM: A LOW-LEVEL REPRESENTATIONAL MODEL FOR IMAGES. Pattern Recognition, 1998, 31, 1797-1810.	5.1	3
47	How to define the notion of microcalcifications in digitized mammograms. , 0, , .		3
48	Self-control of quantizer risk attitude in rational embedded wavelet image coding. Optical Engineering, 2003, 42, 3215.	0.5	3
49	The relationship between information prioritization and visual distinctness in two progressive image transmission schemes. Pattern Recognition, 2004, 37, 281-297.	5.1	3
50	Information visibility using transmission methods. Pattern Recognition Letters, 2010, 31, 609-618.	2.6	3
51	From computational attention to image fusion. Pattern Recognition Letters, 2011, 32, 1778-1795.	2.6	3
52	Social impact of scholarly articles in a citation network. Journal of the Association for Information Science and Technology, 2015, 66, 117-127.	1.5	3
53	STRATEGY: a tool for the formulation of peer-review strategies. Scientometrics, 2017, 113, 45-60.	1.6	3
54	Best Achievable Compression Ratio for Lossy Image Coding. Lecture Notes in Computer Science, 2003, , 263-270.	1.0	3

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55	Integral opponent-colors features for computing visual target distinctness. Pattern Recognition, 2000, 33, 1179-1198.	5.1	2
56	CORAL: collective rationality for the allocation of bits. Optical Engineering, 2003, 42, 1000.	0.5	2
57	Justice in quantizer formation for rational progressive transmission. Optical Engineering, 2004, 43, 2105.	0.5	2
58	Theory of bit allocation analysis. Optical Engineering, 2006, 45, 127401.	0.5	2
59	Bit-saving path for progressive transmission. Optical Engineering, 2007, 46, 117001.	0.5	2
60	Steady growth of encoding efficiency in progressive transmission. Optical Engineering, 2008, 47, 047001.	0.5	2
61	Evolutionary games between subject categories. Scientometrics, 2014, 101, 869-888.	1.6	2
62	Editorial decisions with informed and uninformed reviewers. Scientometrics, 2018, 117, 25-43.	1.6	2
63	Rate control optimization in embedded wavelet coding. Pattern Recognition Letters, 2003, 24, 1469-1487.	2.6	1
64	Power of a wavelet coefficient in progressive image transmission. Optical Engineering, 2005, 44, 087004.	0.5	1
65	Emergence of region-based transmission when computation is unconstrained. Journal of Visual Communication and Image Representation, 2006, 17, 1024-1039.	1.7	1
66	A critical examination of the assumptions used in dynamic allocation. Journal of Visual Communication and Image Representation, 2009, 20, 351-363.	1.7	1
67	Using graphics: motivating students in a C++ programming introductory course. , 2009, , ,		1
68	Comparative visibility analysis of advertisement images. Signal Processing: Image Communication, 2011, 26, 589-611.	1.8	1
69	Best-in-class and strategic benchmarking of scientific subject categories of Web of Science in 2010. Scientometrics, 2014, 99, 615-630.	1.6	1
70	A web application for aggregating conflicting reviewers's preferences. Scientometrics, 2014, 99, 523-539.	1.6	1
71	Problems with open participation in peer review. Scientometrics, 2017, 112, 1881-1885.	1.6	1
72	The author's ignorance on the publication fees is a source of power for publishers. Scientometrics, 2019, 121, 1435-1445.	1.6	1

#	ARTICLE	IF	CITATIONS
73	Quality censoring in peer review. <i>Scientometrics</i> , 2021, 126, 825-830.	1.6	1
74	Benefits of Cooperative Peer Review. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
75	Optimized rate control in embedded wavelet coding. , 0, , .		0
76	Coder selection for lossy compression of still images. <i>Pattern Recognition</i> , 2002, 35, 2489-2509.	5.1	0
77	Automatic and optimal hierarchical quantizer decomposition to build knowledge for video transmission. <i>Optical Engineering</i> , 2007, 46, 107402.	0.5	0
78	Relevance of knowledge from bit-saving in progressive transmission. <i>Journal of Visual Communication and Image Representation</i> , 2010, 21, 741-750.	1.7	0
79	Analysis of coding risks in progressive transmission. <i>Signal Processing: Image Communication</i> , 2012, 27, 39-53.	1.8	0
80	Sustainable image transmission. <i>Journal of Visual Communication and Image Representation</i> , 2012, 23, 134-142.	1.7	0
81	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> , 2014, 99, 447-461.	1.6	0