

Roy Rada

List of Publications by Year in descending order

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111
papers

1,160
citations

471509

17
h-index

477307

29
g-index

115
all docs

115
docs citations

115
times ranked

554
citing authors

#	ARTICLE	IF	CITATIONS
1	Interacting With Hypertext: A Meta-Analysis of Experimental Studies. Human-Computer Interaction, 1996, 11, 125-156.	4.4	227
2	Ranking documents with a thesaurus. , 1989, 40, 304-310.		67
3	The new media. Communications of the ACM, 1994, 37, 23-25.	4.5	58
4	Expert systems and evolutionary computing for financial investing: A review. Expert Systems With Applications, 2008, 34, 2232-2240.	7.6	56
5	Distributed Expert-Based Information Systems: An interdisciplinary approach. Information Processing and Management, 1987, 23, 395-409.	8.6	39
6	A graphical thesaurus-based information retrieval system. International Journal of Man-Machine Studies, 1989, 31, 121-147.	0.7	37
7	Converting a textbook to hypertext. ACM Transactions on Information Systems, 1992, 10, 294-315.	4.9	37
8	Comparison of different input selection algorithms in neuro-fuzzy modeling. Expert Systems With Applications, 2012, 39, 1536-1544.	7.6	30
9	How did university departments interweave the Web: A study of connectivity and underlying factors. Interacting With Computers, 1998, 10, 353-373.	1.5	29
10	Gradualness Facilitates Knowledge Refinement. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1985, PAMI-7, 523-530.	13.9	28
11	Obstructive sleep apnea and head and neck neoplasms. Otolaryngology - Head and Neck Surgery, 2005, 132, 794-799.	1.9	24
12	Collaborative learning and the much system. Computers and Education, 1993, 20, 225-233.	8.3	22
13	Augmenting thesauri for information systems. ACM Transactions on Information Systems, 1987, 5, 378-392.	4.9	21
14	Writing and reading hypertext: An overview. Journal of the Association for Information Science and Technology, 1989, 40, 164-171.	1.0	21
15	Collaborative hypertext and the MUCH system. Journal of Information Science, 1991, 17, 191-196.	3.3	21
16	Sharing standards: standardizing software projects. Communications of the ACM, 2000, 43, 21-25.	4.5	21
17	Expert systems and hypertext. Knowledge Engineering Review, 1988, 3, 285-301.	2.6	20
18	Evolution and gradualness. BioSystems, 1981, 14, 211-218.	2.0	18

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19	Consensus versus speed. <i>Communications of the ACM</i> , 1995, 38, 21-23.	4.5	17
20	An adaptive neuro-fuzzy system for stock portfolio analysis. <i>International Journal of Intelligent Systems</i> , 2011, 26, 99-114.	5.7	16
21	A Case Study of a Retracted Systematic Review on Interactive Health Communication Applications: Impact on Media, Scientists, and Patients. <i>Journal of Medical Internet Research</i> , 2005, 7, e18.	4.3	16
22	Standardizing management of software engineering projects. <i>Knowledge, Technology and Policy: the International Journal of Knowledge Transfer and Utilization</i> , 2001, 14, 67-77.	0.5	15
23	Building a relational database for a physician document index. <i>Medical Informatics = Medecine Et Informatique</i> , 1987, 12, 187-201.	0.8	12
24	An experttext system for collaborative authoring. <i>Expert Systems With Applications</i> , 1992, 5, 275-287.	7.6	11
25	Design and analysis of experiments in ANFIS modeling for stock price prediction. <i>International Journal of Industrial Engineering Computations</i> , 2011, 2, 409-418.	0.7	11
26	Memetic algorithms, domain knowledge, and financial investing. <i>Memetic Computing</i> , 2012, 4, 109-125.	4.0	11
27	BALANCED OUTLINES AND HYPERTEXT. <i>Journal of Documentation</i> , 1992, 48, 20-44.	1.6	10
28	Retrieval hierarchies in hypertext. <i>Information Processing and Management</i> , 1993, 29, 359-371.	8.6	10
29	Computer-Supported Collaborative Writing Phases. <i>Journal of Educational Technology Systems</i> , 1997, 26, 137-149.	5.8	10
30	Knowledge-sparse and knowledge-rich learning in information retrieval. <i>Information Processing and Management</i> , 1987, 23, 195-210.	8.6	9
31	An object-oriented approach to knowledge representation in a biomedical domain. <i>Artificial Intelligence in Medicine</i> , 1994, 6, 459-482.	6.5	9
32	Intelligent technologies for investing: A review of engineering literature. <i>Intelligent Decision Technologies</i> , 2008, 2, 167-177.	0.9	9
33	Experttext: From semantic nets to logic Petri nets. <i>Expert Systems With Applications</i> , 1990, 1, 51-62.	7.6	8
34	MUCH electronic publishing environment: Principles and practices. <i>Journal of the Association for Information Science and Technology</i> , 1994, 45, 300-309.	1.0	8
35	Good versus bad knowledge: Ontology guided evolutionary algorithms. <i>Expert Systems With Applications</i> , 2015, 42, 8039-8051.	7.6	8
36	Mapping from GenBank to MEDLINE. <i>Nucleic Acids Research</i> , 1988, 16, 1667-1680.	14.5	7

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37	Interacting with computers. <i>Interacting With Computers</i> , 1989, 1, 39-42.	1.5	7
38	Manifestations of Quality Learning in Computer-Mediated University Courses. <i>Interactive Learning Environments</i> , 1999, 7, 57-80.	6.4	7
39	Literature trends for mobile learning: word frequencies and concept maps. <i>International Journal of Mobile Learning and Organisation</i> , 2009, 3, 275.	0.3	7
40	Trends in Information Systems and Long-Term Care. <i>International Journal of Healthcare Information Systems and Informatics</i> , 2015, 10, 57-70.	0.9	7
41	Abstraction in methodology: A framework for computer support. <i>Information Processing and Management</i> , 1984, 20, 63-79.	8.6	6
42	CREATING AND EVALUATING ENTRY TERMS. <i>Journal of Documentation</i> , 1988, 44, 19-41.	1.6	6
43	Medical experttext as regularity in semantic nets. <i>Artificial Intelligence in Medicine</i> , 1990, 2, 217-229.	6.5	6
44	Computer-supported discussion and annotation. <i>Information Processing and Management</i> , 1992, 28, 589-607.	8.6	6
45	University courseware development: Comparative views of computer-based teaching by users and non-users. <i>Computers and Education</i> , 1994, 23, 211-220.	8.3	6
46	Gradualness eases refinement of medical knowledge. <i>Medical Informatics = Medecine Et Informatique</i> , 1986, 11, 59-73.	0.8	5
47	Standardizing reuse. <i>Communications of the ACM</i> , 1997, 40, 19-23.	4.5	5
48	The aging of a clinical information system. <i>Journal of Biomedical Informatics</i> , 2004, 37, 319-324.	4.3	5
49	Building a Web-Based Accountability System in a Teacher Education Program. <i>Interactive Learning Environments</i> , 2005, 13, 93-119.	6.4	5
50	Connecting and evaluating thesauri: Issues and cases. <i>Knowledge Organization</i> , 1987, 14, 63-69.	0.2	5
51	Automated problem encoding system for ambulatory care. <i>Journal of Biomedical Informatics</i> , 1979, 12, 131-139.	0.7	4
52	A model of hierarchies based on graph homomorphisms. <i>Computers and Mathematics With Applications</i> , 1992, 23, 343-361.	2.7	4
53	Current development and use of computer-based teaching at the University of Liverpool. <i>Computers and Education</i> , 1994, 22, 335-343.	8.3	4
54	Comparative study on the effects of groupware and conventional technologies on the efficiency of collaborative writing. <i>Computer Supported Cooperative Work</i> , 1995, 3, 327-357.	2.9	4

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55	Quality Management of Student-Student Evaluations. Journal of Educational Computing Research, 1997, 17, 199-215.	5.5	4
56	Software reuse: from text to hypertext. Software Engineering Journal, 1992, 7, 311.	0.7	4
57	Ph.D. theses. ACM SIGBIO Newsletter, 1985, 7, 13-13.	0.1	4
58	Evolutionary search: Gradients and information. BioSystems, 1982, 15, 169-177.	2.0	3
59	Expertext for medical care and literature retrieval. Artificial Intelligence in Medicine, 1990, 2, 341-355.	6.5	3
60	Small, medium and large hypertext. Information Processing and Management, 1991, 27, 659-677.	8.6	3
61	Training a Neural Logic Network to predict financial returns: a case study. International Journal of Electronic Finance, 2010, 4, 19.	0.2	3
62	Knowledge-guided genetic algorithm for financial forecasting. , 2012, , .		3
63	Dilemmas in knowledge-based evolutionary computation for financial investing. Intelligent Decision Technologies, 2013, 7, 123-136.	0.9	3
64	Expert systems in the UK: From AI to KBS. Expert Systems With Applications, 1991, 3, 397-402.	7.6	2
65	Knowledge automation and the need for intermediaries. Journal of Librarianship and Information Science, 1994, 26, 181-192.	2.4	2
66	Information retrieval for online patient groups. Health Information and Libraries Journal, 2006, 23, 60-64.	2.5	2
67	Effective DMSS Guidance for Financial Investing. International Journal of Decision Support System Technology, 2009, 1, 1-14.	0.7	2
68	Decision Trees and Financial Variables. International Journal of Decision Support System Technology, 2017, 9, 1-15.	0.7	2
69	Knowledge in Memetic Algorithms for Stock Classification. International Journal of Artificial Life Research, 2014, 4, 13-29.	0.1	2
70	Ethnographic Discovery of Adverse Events in Patient Online Discussions. International Journal of Healthcare Information Systems and Informatics, 2008, 3, 77-86.	0.9	2
71	Searching and gradualness. BioSystems, 1981, 14, 219-226.	2.0	1
72	Computers and gradualness: The selfish meme. AI and Society, 1991, 5, 246-254.	4.6	1

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73	Task-based method for creating usable hypertext. <i>Interacting With Computers</i> , 1994, 6, 275-287.	1.5	1
74	Medical multimedia. <i>ACM SIGBIO Newsletter</i> , 1994, 14, 5-6.	0.1	1
75	Characterizing Cancer Information Systems. <i>Journal of Medical Systems</i> , 2006, 30, 153-157.	3.6	1
76	Entry requirements and membership homogeneity in online patient groups. <i>Informatics for Health and Social Care</i> , 2007, 32, 215-223.	1.0	1
77	Sleep and Quality of Life in Head and Neck Neoplasm. , 2008, , 483-488.		1
78	Integrating Knowledge Sources. <i>International Journal of Knowledge Management</i> , 2013, 9, 60-75.	0.9	1
79	Knowledge-guided mutation in classification rules for autism treatment efficacy. <i>Health Informatics Journal</i> , 2017, 23, 56-68.	2.1	1
80	A semantic-based, distance-proportional mutation for stock classification. <i>Expert Systems With Applications</i> , 2018, 95, 212-223.	7.6	1
81	IT standards development and consensus. <i>StandardView</i> , 1994, 2, 50-54.	0.2	1
82	Review of "Artificial intelligence in medicine" by Peter Szolovits. <i>Westview Press 1982.. ACM SIGBIO Newsletter</i> , 1983, 6, 4-6.	0.1	1
83	Filtering the Piotroski portfolio: the roles of economic sector, small cap, and technical momentum. <i>International Journal of Accounting and Economics Studies</i> , 2014, 3, 44-49.	0.2	1
84	Applying Artificial Intelligence to Financial Investing. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2019, , 1-16.	0.4	1
85	Artificial Intelligence and Investing. , 2009, , 237-240.		1
86	E-patients Empower Healthcare. , 2011, , 232-240.		1
87	Editorial: Medical experttext. <i>Artificial Intelligence in Medicine</i> , 1990, 2, 177-178.	6.5	0
88	HYPERTEXT OUGHT TO BE COLLABORATIVE. <i>Impact Assessment Bulletin</i> , 1991, 9, 107-124.	0.3	0
89	Expermedia for biomedical education. <i>ACM SIGBIO Newsletter</i> , 1993, 13, 3-4.	0.1	0
90	The World Wide Web. <i>ACM SIGBIO Newsletter</i> , 1994, 14, 13-15.	0.1	0

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91	A hypermedia data model for public space and computer aided learning. <i>Microprocessing and Microprogramming</i> , 1994, 40, 851-854.	0.2	0
92	ACM Technical Standards Committee: A new advocacy power. <i>Computer Standards and Interfaces</i> , 1994, 16, 139-142.	5.4	0
93	Multilingual multimedia: bridging the language barrier with intelligems systems, by Masoud Yazdani (Ed.), Intellect Books, UK, 1993, pp 210, A£14.95, ISBN 1-871516-30-7.. <i>Knowledge Engineering Review</i> , 1994, 9, 2.6 83-84.	2.6	0
94	Multimedia Systems. <i>Information Processing and Management</i> , 1995, 31, 256-257.	8.6	0
95	Towards effective support for research group management: The hypotheses & papers database. <i>Information Processing and Management</i> , 1996, 32, 611-618.	8.6	0
96	New standards for educational technology. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 1997, 22, 9-10.	0.7	0
97	Editorial: Interactive Learning Environments in the Wider Context. <i>Interactive Learning Environments</i> , 1998, 6, 189-204.	6.4	0
98	Patient Data Access and Online Sleep Apnea Communities. <i>Telemedicine Journal and E-Health</i> , 2011, 17, 226-230.	2.8	0
99	Knowledge constrained evolutionary algorithms: a case study for financial investing. <i>International Journal of Artificial Intelligence and Soft Computing</i> , 2014, 4, 335.	0.1	0
100	"Is Cybermedicine Killing You?" - A Response From the Authors of the Cochrane Review: Author's Reply (1). <i>Journal of Medical Internet Research</i> , 2005, 7, e41.	4.3	0
101	Machine Learning and Financial Investing. , 2012, , 1687-1697.		0
102	Which way for a classification scheme for computers and medicine. <i>ACM SIGIR Forum</i> , 1986, 19, 21-22.	0.5	0
103	Title is missing!. <i>Multimedia Tools and Applications</i> , 1996, 2, 53-78.	3.9	0
104	Strategic directions in computer science education (panel). <i>SIGCSE Bulletin</i> , 1997, 29, 371-372.	0.1	0
105	New standards for educational technology relevant to multiple ACM SIGs. <i>ACM SIGNUM Newsletter</i> , 1997, 32, 37-39.	0.2	0
106	Artificial Intelligence and Investing. , 2015, , 85-93.		0
107	Applying Artificial Intelligence to Financial Investing. , 2018, , 1-14.		0
108	Models and knowledge acquisition. <i>ACM SIGBIO Newsletter</i> , 1984, 6, 19-20.	0.1	0

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109	Trends in AIM. ACM SIGBIO Newsletter, 1984, 6, 8-10.	0.1	0
110	Identifying Research-Active Specialists at an Academic Medical Center: A Case Study. Medical Reference Services Quarterly, 2022, 41, 67-79.	1.4	0
111	Review of "Adaptability. ACM SIGBIO Newsletter, 1985, 7, 12-13.	0.1	0