Roy Rada

List of Publications by Year
in descending order

		471509	477307
111	1,160	17	29
papers	citations	h-index	g-index

115	115	115	554
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identifying Research-Active Specialists at an Academic Medical Center: A Case Study. Medical Reference Services Quarterly, 2022, 41, 67-79.	1.4	0
2	Applying Artificial Intelligence to Financial Investing. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 1-16.	0.4	1
3	A semantic-based, distance-proportional mutation for stock classification. Expert Systems With Applications, 2018, 95, 212-223.	7.6	1
4	Applying Artificial Intelligence to Financial Investing. , 2018, , 1-14.		0
5	Knowledge-guided mutation in classification rules for autism treatment efficacy. Health Informatics Journal, 2017, 23, 56-68.	2.1	1
6	Decision Trees and Financial Variables. International Journal of Decision Support System Technology, 2017, 9, 1-15.	0.7	2
7	Trends in Information Systems and Long-Term Care. International Journal of Healthcare Information Systems and Informatics, 2015, 10, 57-70.	0.9	7
8	Good versus bad knowledge: Ontology guided evolutionary algorithms. Expert Systems With Applications, 2015, 42, 8039-8051.	7.6	8
9	Artificial Intelligence and Investing. , 2015, , 85-93.		0
10	Knowledge constrained evolutionary algorithms: a case study for financial investing. International Journal of Artificial Intelligence and Soft Computing, 2014, 4, 335.	0.1	0
11	Filtering the piotroski portfolio: the roles of economic sector, small cap, and technical momentum. International Journal of Accounting and Economics Studies, 2014, 3, 44-49.	0.2	1
12	Knowledge in Memetic Algorithms for Stock Classification. International Journal of Artificial Life Research, 2014, 4, 13-29.	0.1	2
13	Integrating Knowledge Sources. International Journal of Knowledge Management, 2013, 9, 60-75.	0.9	1
14	Dilemmas in knowledge-based evolutionary computation for financial investing. Intelligent Decision Technologies, 2013, 7, 123-136.	0.9	3
15	Knowledge-guided genetic algorithm for financial forecasting. , 2012, , .		3
16	Memetic algorithms, domain knowledge, and financial investing. Memetic Computing, 2012, 4, 109-125.	4.0	11
17	Comparison of different input selection algorithms in neuro-fuzzy modeling. Expert Systems With Applications, 2012, 39, 1536-1544.	7.6	30
18	Machine Learning and Financial Investing. , 2012, , 1687-1697.		0

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19	Patient Data Access and Online Sleep Apnea Communities. Telemedicine Journal and E-Health, 2011, 17, 226-230.	2.8	0
20	Design and analysis of experiments in ANFIS modeling for stock price prediction. International Journal of Industrial Engineering Computations, 2011, 2, 409-418.	0.7	11
21	An adaptive neuro-fuzzy system for stock portfolio analysis. International Journal of Intelligent Systems, 2011, 26, 99-114.	5.7	16
22	E-patients Empower Healthcare. , 2011, , 232-240.		1
23	Training a Neural Logic Network to predict financial returns: a case study. International Journal of Electronic Finance, 2010, 4, 19.	0.2	3
24	Effective DMSS Guidance for Financial Investing. International Journal of Decision Support System Technology, 2009, 1, 1-14.	0.7	2
25	Literature trends for mobile learning: word frequencies and concept maps. International Journal of Mobile Learning and Organisation, 2009, 3, 275.	0.3	7
26	Artificial Intelligence and Investing. , 2009, , 237-240.		1
27	Expert systems and evolutionary computing for financial investing: A review. Expert Systems With Applications, 2008, 34, 2232-2240.	7.6	56
28	Sleep and Quality of Life in Head and Neck Neoplasm. , 2008, , 483-488.		1
29	Intelligent technologies for investing: A review of engineering literature. Intelligent Decision Technologies, 2008, 2, 167-177.	0.9	9
30	Ethnographic Discovery of Adverse Events in Patient Online Discussions. International Journal of Healthcare Information Systems and Informatics, 2008, 3, 77-86.	0.9	2
31	Entry requirements and membership homogeneity in online patient groups. Informatics for Health and Social Care, 2007, 32, 215-223.	1.0	1
32	Information retrieval for online patient groups. Health Information and Libraries Journal, 2006, 23, 60-64.	2.5	2
33	Characterizing Cancer Information Systems. Journal of Medical Systems, 2006, 30, 153-157.	3.6	1
34	Building a Web-Based Accountability System in a Teacher Education Program. Interactive Learning Environments, 2005, 13, 93-119.	6.4	5
35	Obstructive sleep apnea and head and neck neoplasms. Otolaryngology - Head and Neck Surgery, 2005, 132, 794-799.	1.9	24
36	A Case Study of a Retracted Systematic Review on Interactive Health Communication Applications: Impact on Media, Scientists, and Patients. Journal of Medical Internet Research, 2005, 7, e18.	4.3	16

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37	"Is Cybermedicine Killing You?" - A Response From the Authors of the Cochrane Review: Author's Reply (1). Journal of Medical Internet Research, 2005, 7, e41.	4.3	0
38	The aging of a clinical information system. Journal of Biomedical Informatics, 2004, 37, 319-324.	4.3	5
39	Standardizing management of software engineering projects. Knowledge, Technology and Policy: the International Journal of Knowledge Transfer and Utilization, 2001, 14, 67-77.	0.5	15
40	Sharing standards: standardizing software projects. Communications of the ACM, 2000, 43, 21-25.	4.5	21
41	Manifestations of Quality Learning in Computer-Mediated University Courses. Interactive Learning Environments, 1999, 7, 57-80.	6.4	7
42	How did university departments interweave the Web: A study of connectivity and underlying factors. Interacting With Computers, 1998, 10, 353-373.	1.5	29
43	Editorial: Interactive Learning Environments in the Wider Context. Interactive Learning Environments, 1998, 6, 189-204.	6.4	0
44	New standards for educational technology. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 1997, 22, 9-10.	0.7	0
45	Standardizing reuse. Communications of the ACM, 1997, 40, 19-23.	4.5	5
46	Quality Management of Student-Student Evaluations. Journal of Educational Computing Research, 1997, 17, 199-215.	5.5	4
47	Computer-Supported Collaborative Writing Phases. Journal of Educational Technology Systems, 1997, 26, 137-149.	5.8	10
48	Strategic directions in computer science education (panel). SIGCSE Bulletin, 1997, 29, 371-372.	0.1	0
49	New standards for educational technology relevant to multiple ACM SIGs. ACM SIGNUM Newsletter, 1997, 32, 37-39.	0.2	0
50	Towards effective support for research group management: The hypotheses & papers database. Information Processing and Management, 1996, 32, 611-618.	8.6	0
51	Interacting With Hypertext: A Meta-Analysis of Experimental Studies. Human-Computer Interaction, 1996, 11, 125-156.	4.4	227
52	Title is missing!. Multimedia Tools and Applications, 1996, 2, 53-78.	3.9	0
53	Comparative study on the effects of groupware and conventional technologies on the efficiency of collaborative writing. Computer Supported Cooperative Work, 1995, 3, 327-357.	2.9	4
54	Multimedia Systems. Information Processing and Management, 1995, 31, 256-257.	8.6	0

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55	Consensus versus speed. Communications of the ACM, 1995, 38, 21-23.	4.5	17
56	Knowledge automation and the need for intermediaries. Journal of Librarianship and Information Science, 1994, 26, 181-192.	2.4	2
57	The World Wide Web. ACM SIGBIO Newsletter, 1994, 14, 13-15.	0.1	0
58	The new media. Communications of the ACM, 1994, 37, 23-25.	4.5	58
59	MUCH electronic publishing environment: Principles and practices. Journal of the Association for Information Science and Technology, 1994, 45, 300-309.	1.0	8
60	Task-based method for creating usable hypertext. Interacting With Computers, 1994, 6, 275-287.	1.5	1
61	A hypermedia data model for public space and computer aided learning. Microprocessing and Microprogramming, 1994, 40, 851-854.	0.2	0
62	ACM Technical Standards Committee: A new advocacy power. Computer Standards and Interfaces, 1994, 16, 139-142.	5.4	0
63	An object-oriented approach to knowledge representation in a biomedical domain. Artificial Intelligence in Medicine, 1994, 6, 459-482.	6.5	9
64	University courseware development: Comparative views of computer-based teaching by users and non-users. Computers and Education, 1994, 23, 211-220.	8.3	6
65	Current development and use of computer-based teaching at the University of Liverpool. Computers and Education, 1994, 22, 335-343.	8.3	4
66	Multilingual multimedia: bridging the language barrier with intelligems systems, by Masoud Yazdani (Ed.), Intellect Books, UK, 1993, pp 210, Â£14.95, ISBN 1-871516-30-7.. Knowledge Engineering Review, 1994, 9, 83-84.	2.6	0
67	Medical multimedia. ACM SIGBIO Newsletter, 1994, 14, 5-6.	0.1	1
68	IT standards development and consensus. StandardView, 1994, 2, 50-54.	0.2	1
69	Retrieval hierarchies in hypertext. Information Processing and Management, 1993, 29, 359-371.	8.6	10
70	Collaborative learning and the much system. Computers and Education, 1993, 20, 225-233.	8.3	22
71	Expermedia for biomedical education. ACM SIGBIO Newsletter, 1993, 13, 3-4.	0.1	0
72	Converting a textbook to hypertext. ACM Transactions on Information Systems, 1992, 10, 294-315.	4.9	37

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73	BALANCED OUTLINES AND HYPERTEXT. Journal of Documentation, 1992, 48, 20-44.	1.6	10
74	A model of hierarchies based on graph homomorphisms. Computers and Mathematics With Applications, 1992, 23, 343-361.	2.7	4
75	An expertext system for collaborative authoring. Expert Systems With Applications, 1992, 5, 275-287.	7.6	11
76	Computer-supported discussion and annotation. Information Processing and Management, 1992, 28, 589-607.	8.6	6
77	Software reuse: from text to hypertext. Software Engineering Journal, 1992, 7, 311.	0.7	4
78	HYPERTEXT OUGHT TO BE COLLABORATIVE. Impact Assessment Bulletin, 1991, 9, 107-124.	0.3	0
79	Expert systems in the UK: From AI to KBS. Expert Systems With Applications, 1991, 3, 397-402.	7.6	2
80	Small, medium and large hypertext. Information Processing and Management, 1991, 27, 659-677.	8.6	3
81	Computers and gradualness: The selfish meme. AI and Society, 1991, 5, 246-254.	4.6	1
82	Collaborative hypertext and the MUCH system. Journal of Information Science, 1991, 17, 191-196.	3.3	21
83	Expertext for medical care and literature retrieval. Artificial Intelligence in Medicine, 1990, 2, 341-355.	6.5	3
84	Editorial: Medical expertext. Artificial Intelligence in Medicine, 1990, 2, 177-178.	6.5	0
85	Medical expertext as regularity in semantic nets. Artificial Intelligence in Medicine, 1990, 2, 217-229.	6.5	6
86	Expertext: From semantic nets to logic Petri nets. Expert Systems With Applications, 1990, 1, 51-62.	7.6	8
87	A graphical thesaurus-based information retrieval system. International Journal of Man-Machine Studies, 1989, 31, 121-147.	0.7	37
88	Writing and reading hypertext: An overview. Journal of the Association for Information Science and Technology, 1989, 40, 164-171.	1.0	21
89	Ranking documents with a thesaurus. , 1989, 40, 304-310.		67
90	Interacting with computers. Interacting With Computers, 1989, 1, 39-42.	1.5	7

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91	CREATING AND EVALUATING ENTRY TERMS. Journal of Documentation, 1988, 44, 19-41.	1.6	6
92	Mapping from GenBank to MEDLINE. Nucleic Acids Research, 1988, 16, 1667-1680.	14.5	7
93	Expert systems and hypertext. Knowledge Engineering Review, 1988, 3, 285-301.	2.6	20
94	Augmenting thesauri for information systems. ACM Transactions on Information Systems, 1987, 5, 378-392.	4.9	21
95	Building a relational database for a physician document index. Medical Informatics = Medecine Et Informatique, 1987, 12, 187-201.	0.8	12
96	Knowledge-sparse and knowledge-rich learning in information retrieval. Information Processing and Management, 1987, 23, 195-210.	8.6	9
97	Distributed Expert-Based Information Systems: An interdisciplinary approach. Information Processing and Management, 1987, 23, 395-409.	8.6	39
98	Connecting and evaluating thesauri: Issues and cases. Knowledge Organization, 1987, 14, 63-69.	0.2	5
99	Gradualness eases refinement of medical knowledge. Medical Informatics = Medecine Et Informatique, 1986, 11, 59-73.	0.8	5
100	Which way for a classification scheme for computers and medicine. ACM SIGIR Forum, 1986, 19, 21-22.	0.5	0
101	Gradualness Facilitates Knowledge Refinement. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1985, PAMI-7, 523-530.	13.9	28
102	Ph.D. theses. ACM SIGBIO Newsletter, 1985, 7, 13-13.	0.1	4
103	Review of "Adaptability. ACM SIGBIO Newsletter, 1985, 7, 12-13.	0.1	0
104	Abstraction in methodology: A framework for computer support. Information Processing and Management, 1984, 20, 63-79.	8.6	6
105	Models and knowledge acquisition. ACM SIGBIO Newsletter, 1984, 6, 19-20.	0.1	0
106	Trends in AIM. ACM SIGBIO Newsletter, 1984, 6, 8-10.	0.1	0
107	Review of "Artificial intelligence in medicine" by Peter Szolovits. Westview Press 1982.. ACM SIGBIO Newsletter, 1983, 6, 4-6.	0.1	1
108	Evolutionary search: Gradients and information. BioSystems, 1982, 15, 169-177.	2.0	3

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109	Evolution and gradualness. BioSystems, 1981, 14, 211-218.	2.0	18
110	Searching and gradualness. BioSystems, 1981, 14, 219-226.	2.0	1
111	Automated problem encoding system for ambulatory care. Journal of Biomedical Informatics, 1979, 12, 131-139.	0.7	4