

Yiyu Yao

List of Publications by Year in descending order

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291
papers

18,999
citations

15495

65
h-index

13758

129
g-index

305
all docs

305
docs citations

305
times ranked

3240
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-way decisions with probabilistic rough sets. Information Sciences, 2010, 180, 341-353.	4.0	1,136
2	Relational interpretations of neighborhood operators and rough set approximation operators. Information Sciences, 1998, 111, 239-259.	4.0	854
3	Constructive and algebraic methods of the theory of rough sets. Information Sciences, 1998, 109, 21-47.	4.0	698
4	MGRS: A multi-granulation rough set. Information Sciences, 2010, 180, 949-970.	4.0	597
5	The superiority of three-way decisions in probabilistic rough set models. Information Sciences, 2011, 181, 1080-1096.	4.0	566
6	A decision theoretic framework for approximating concepts. International Journal of Man-Machine Studies, 1992, 37, 793-809.	0.7	563
7	Information granulation and rough set approximation. International Journal of Intelligent Systems, 2001, 16, 87-104.	3.3	544
8	Two views of the theory of rough sets in finite universes. International Journal of Approximate Reasoning, 1996, 15, 291-317.	1.9	523
9	Probabilistic rough set approximations. International Journal of Approximate Reasoning, 2008, 49, 255-271.	1.9	522
10	Attribute reduction in decision-theoretic rough set models. Information Sciences, 2008, 178, 3356-3373.	4.0	472
11	Covering based rough set approximations. Information Sciences, 2012, 200, 91-107.	4.0	406
12	Three-way decision and granular computing. International Journal of Approximate Reasoning, 2018, 103, 107-123.	1.9	403
13	Three-Way Decisions and Cognitive Computing. Cognitive Computation, 2016, 8, 543-554.	3.6	325
14	Probabilistic approaches to rough sets. Expert Systems, 2003, 20, 287-297.	2.9	315
15	A comparative study of fuzzy sets and rough sets. Information Sciences, 1998, 109, 227-242.	4.0	291
16	A Partition Model of Granular Computing. Lecture Notes in Computer Science, 2004, , 232-253.	1.0	239
17	An Outline of a Theory of Three-Way Decisions. Lecture Notes in Computer Science, 2012, , 1-17.	1.0	236
18	Three-way granular computing, rough sets, and formal concept analysis. International Journal of Approximate Reasoning, 2020, 116, 106-125.	1.9	229

#	ARTICLE	IF	CITATIONS
19	Three-Way Decision: An Interpretation of Rules in Rough Set Theory. Lecture Notes in Computer Science, 2009, , 642-649.	1.0	218
20	Discernibility matrix simplification for constructing attribute reducts. Information Sciences, 2009, 179, 867-882.	4.0	210
21	A Comparative Study of Formal Concept Analysis and Rough Set Theory in Data Analysis. Lecture Notes in Computer Science, 2004, , 59-68.	1.0	209
22	Decision-Theoretic Rough Set Models. , 2007, , 1-12.		208
23	A triarchic theory of granular computing. Granular Computing, 2016, 1, 145-157.	4.4	205
24	Decision-theoretic three-way approximations of fuzzy sets. Information Sciences, 2014, 279, 702-715.	4.0	185
25	Peculiarity oriented multidatabase mining. IEEE Transactions on Knowledge and Data Engineering, 2003, 15, 952-960.	4.0	177
26	Three-way Investment Decisions with Decision-theoretic Rough Sets. International Journal of Computational Intelligence Systems, 2011, 4, 66-74.	1.6	169
27	Cost-sensitive three-way email spam filtering. Journal of Intelligent Information Systems, 2014, 42, 19-45.	2.8	164
28	Relative reducts in consistent and inconsistent decision tables of the Pawlak rough set model. Information Sciences, 2009, 179, 4140-4150.	4.0	162
29	Three-Way Multiattribute Decision-Making Based on Outranking Relations. IEEE Transactions on Fuzzy Systems, 2021, 29, 2844-2858.	6.5	159
30	Tri-level thinking: models of three-way decision. International Journal of Machine Learning and Cybernetics, 2020, 11, 947-959.	2.3	154
31	On modeling information retrieval with probabilistic inference. ACM Transactions on Information Systems, 1995, 13, 38-68.	3.8	144
32	Generalized attribute reduct in rough set theory. Knowledge-Based Systems, 2016, 91, 204-218.	4.0	142
33	Rough set models in multigranulation spaces. Information Sciences, 2016, 327, 40-56.	4.0	135
34	Interpreting Concept Learning in Cognitive Informatics and Granular Computing. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 855-866.	5.5	131
35	Interval sets and three-way concept analysis in incomplete contexts. International Journal of Machine Learning and Cybernetics, 2017, 8, 3-20.	2.3	128
36	Three-way conflict analysis: Reformulations and extensions of the Pawlak model. Knowledge-Based Systems, 2019, 180, 26-37.	4.0	128

#	ARTICLE	IF	CITATIONS
37	Interpretations of belief functions in the theory of rough sets. <i>Information Sciences</i> , 1998, 104, 81-106.	4.0	127
38	Measuring retrieval effectiveness based on user preference of documents. <i>Journal of the Association for Information Science and Technology</i> , 1995, 46, 133-145.	1.2	126
39	CE3: A three-way clustering method based on mathematical morphology. <i>Knowledge-Based Systems</i> , 2018, 155, 54-65.	4.0	121
40	Research challenges and perspectives on Wisdom Web of Things (W2T). <i>Journal of Supercomputing</i> , 2013, 64, 862-882.	2.4	117
41	The geometry of three-way decision. <i>Applied Intelligence</i> , 2021, 51, 6298-6325.	3.3	116
42	Local rough set: A solution to rough data analysis in big data. <i>International Journal of Approximate Reasoning</i> , 2018, 97, 38-63.	1.9	114
43	The two sides of the theory of rough sets. <i>Knowledge-Based Systems</i> , 2015, 80, 67-77.	4.0	112
44	In search of the wisdom web. <i>Computer</i> , 2002, 35, 27-31.	1.2	110
45	Data analysis based on discernibility and indiscernibility. <i>Information Sciences</i> , 2007, 177, 4959-4976.	4.0	108
46	On modeling data mining with granular computing. , 0, , .		105
47	A multiview approach for intelligent data analysis based on data operators. <i>Information Sciences</i> , 2008, 178, 1-20.	4.0	104
48	Constructing shadowed sets and three-way approximations of fuzzy sets. <i>Information Sciences</i> , 2017, 412-413, 132-153.	4.0	100
49	A unified model of sequential three-way decisions and multilevel incremental processing. <i>Knowledge-Based Systems</i> , 2017, 134, 172-188.	4.0	100
50	The Art of Granular Computing. <i>Lecture Notes in Computer Science</i> , 2007, , 101-112.	1.0	99
51	A Doctrine of Cognitive Informatics (CI). <i>Fundamenta Informaticae</i> , 2009, 90, 203-228.	0.3	91
52	Class-specific attribute reducts in rough set theory. <i>Information Sciences</i> , 2017, 418-419, 601-618.	4.0	91
53	A measurement theory view on the granularity of partitions. <i>Information Sciences</i> , 2012, 213, 1-13.	4.0	88
54	Neighborhood systems and approximate retrieval. <i>Information Sciences</i> , 2006, 176, 3431-3452.	4.0	87

#	ARTICLE	IF	CITATIONS
55	Covering-based variable precision fuzzy rough sets with PROMETHEE-EDAS methods. <i>Information Sciences</i> , 2020, 538, 314-336.	4.0	82
56	Two Semantic Issues in a Probabilistic Rough Set Model. <i>Fundamenta Informaticae</i> , 2011, 108, 249-265.	0.3	80
57	Ensemble selector for attribute reduction. <i>Applied Soft Computing Journal</i> , 2018, 70, 1-11.	4.1	80
58	On the System Algebra Foundations for Granular Computing. <i>International Journal of Software Science and Computational Intelligence</i> , 2009, 1, 64-86.	1.8	80
59	Three-Way Formal Concept Analysis. <i>Lecture Notes in Computer Science</i> , 2014, , 732-741.	1.0	78
60	TOPSIS method based on a fuzzy covering approximation space: An application to biological nano-materials selection. <i>Information Sciences</i> , 2019, 502, 297-329.	4.0	76
61	Perspectives on Cognitive Informatics and Cognitive Computing. <i>International Journal of Cognitive Informatics and Natural Intelligence</i> , 2010, 4, 1-29.	0.4	75
62	Intuitionistic fuzzy TOPSIS method based on CVPIFRS models: An application to biomedical problems. <i>Information Sciences</i> , 2020, 517, 315-339.	4.0	75
63	Quantitative rough sets based on subsethood measures. <i>Information Sciences</i> , 2014, 267, 306-322.	4.0	73
64	Three-way decision perspectives on class-specific attribute reducts. <i>Information Sciences</i> , 2018, 450, 227-245.	4.0	73
65	A NON-NUMERIC APPROACH TO UNCERTAIN REASONING. <i>International Journal of General Systems</i> , 1995, 23, 343-359.	1.2	72
66	Granular Computing and Sequential Three-Way Decisions. <i>Lecture Notes in Computer Science</i> , 2013, , 16-27.	1.0	70
67	A Three-Way Decision Approach to Email Spam Filtering. <i>Lecture Notes in Computer Science</i> , 2010, , 28-39.	1.0	69
68	Tri-level attribute reduction in rough set theory. <i>Expert Systems With Applications</i> , 2022, 190, 116187.	4.4	69
69	Granular computing: Past, present and future. , 2008, , .		68
70	Structured approximations as a basis for three-way decisions in rough set theory. <i>Knowledge-Based Systems</i> , 2019, 165, 92-109.	4.0	67
71	Data mining using extensions of the rough set model. <i>Journal of the Association for Information Science and Technology</i> , 1998, 49, 415-422.	1.2	67
72	Detecting and refining overlapping regions in complex networks with three-way decisions. <i>Information Sciences</i> , 2016, 373, 21-41.	4.0	66

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73	Envisioning intelligent information technologies through the prism of web intelligence. Communications of the ACM, 2007, 50, 89-94.	3.3	65
74	Naive Bayesian Rough Sets. Lecture Notes in Computer Science, 2010, , 719-726.	1.0	65
75	ON MODELING UNCERTAINTY WITH INTERVAL STRUCTURES. Computational Intelligence, 1995, 11, 406-426.	2.1	64
76	Enhancing Binary Classification by Modeling Uncertain Boundary in Three-Way Decisions. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 1438-1451.	4.0	63
77	Sequential three-way decisions with probabilistic rough sets. , 2011, , .		62
78	A three-way decision based construction of shadowed sets from Atanassov intuitionistic fuzzy sets. Information Sciences, 2021, 577, 1-21.	4.0	62
79	Rough Set Approximations in Formal Concept Analysis. Lecture Notes in Computer Science, 2006, , 285-305.	1.0	61
80	Axiomatization of qualitative belief structure. IEEE Transactions on Systems, Man, and Cybernetics, 1991, 21, 726-734.	0.9	57
81	Advances in three-way decisions and granular computing. Knowledge-Based Systems, 2016, 91, 1-3.	4.0	57
82	A Unified Framework of Granular Computing. , 0, , 401-410.		56
83	Semantics of soft sets and three-way decision with soft sets. Knowledge-Based Systems, 2020, 194, 105538.	4.0	56
84	On Reduct Construction Algorithms. Lecture Notes in Computer Science, 2006, , 297-304.	1.0	54
85	Set-theoretic models of three-way decision. Granular Computing, 2021, 6, 133-148.	4.4	54
86	Covering based multigranulation fuzzy rough sets and corresponding applications. Artificial Intelligence Review, 2020, 53, 1093-1126.	9.7	53
87	Granularity-driven sequential three-way decisions: A cost-sensitive approach to classification. Information Sciences, 2020, 507, 644-664.	4.0	53
88	Two Bayesian approaches to rough sets. European Journal of Operational Research, 2016, 251, 904-917.	3.5	52
89	A Multifaceted Analysis of Probabilistic Three-way Decisions. Fundamenta Informaticae, 2014, 132, 291-313.	0.3	49
90	On modeling similarity and three-way decision under incomplete information in rough set theory. Knowledge-Based Systems, 2020, 191, 105251.	4.0	49

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91	Three-way conflict analysis: A unification of models based on rough sets and formal concept analysis. Knowledge-Based Systems, 2020, 194, 105556.	4.0	48
92	Granular computing for data mining. , 2006, , .		47
93	Rough Sets and Three-Way Decisions. Lecture Notes in Computer Science, 2015, , 62-73.	1.0	47
94	The Wisdom Web: New Challenges for Web Intelligence (WI). Journal of Intelligent Information Systems, 2003, 20, 5-9.	2.8	45
95	Rough-set concept analysis: Interpreting RS-definable concepts based on ideas from formal concept analysis. Information Sciences, 2016, 346-347, 442-462.	4.0	44
96	Dynamic probabilistic rough sets with incomplete data. Information Sciences, 2017, 417, 39-54.	4.0	44
97	Symbols-Meaning-Value (SMV) space as a basis for a conceptual model of data science. International Journal of Approximate Reasoning, 2022, 144, 113-128.	1.9	44
98	An Information-Theoretic Interpretation of Thresholds in Probabilistic Rough Sets. Lecture Notes in Computer Science, 2012, , 369-378.	1.0	42
99	BMW-TOPSIS: A generalized TOPSIS model based on three-way decision. Information Sciences, 2022, 607, 799-818.	4.0	41
100	Shadowed Neighborhoods Based on Fuzzy Rough Transformation for Three-Way Classification. IEEE Transactions on Fuzzy Systems, 2020, 28, 978-991.	6.5	40
101	Evaluating information retrieval system performance based on user preference. Journal of Intelligent Information Systems, 2010, 34, 227-248.	2.8	39
102	Actionable strategies in three-way decisions. Knowledge-Based Systems, 2017, 133, 141-155.	4.0	39
103	Granular Computing Based on Rough Sets, Quotient Space Theory, and Belief Functions. Lecture Notes in Computer Science, 2003, , 152-159.	1.0	38
104	A semantically sound approach to Pawlak rough sets and covering-based rough sets. International Journal of Approximate Reasoning, 2016, 78, 62-72.	1.9	38
105	Effectiveness measures in movement-based three-way decisions. Knowledge-Based Systems, 2018, 160, 136-143.	4.0	37
106	New measures of alliance and conflict for three-way conflict analysis. International Journal of Approximate Reasoning, 2021, 132, 49-69.	1.9	37
107	Granular rough sets and granular shadowed sets: Three-way approximations in Pawlak approximation spaces. International Journal of Approximate Reasoning, 2022, 142, 231-247.	1.9	37
108	Query formulation in linear retrieval models. Journal of the Association for Information Science and Technology, 1990, 41, 334-341.	1.2	36

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109	A General Definition of an Attribute Reduct. , 2007, , 101-108.		36
110	A probabilistic inference model for information retrieval. Information Systems, 1991, 16, 301-321.	2.4	35
111	WaaS: Wisdom as a Service. IEEE Intelligent Systems, 2014, 29, 40-47.	4.0	35
112	An information-theoretic measure of term specificity. Journal of the Association for Information Science and Technology, 1992, 43, 54-61.	1.2	34
113	Set-theoretic Approaches to Granular Computing. Fundamenta Informaticae, 2012, 115, 247-264.	0.3	34
114	Cost-sensitive three-way recommendations by learning pair-wise preferences. International Journal of Approximate Reasoning, 2017, 86, 28-40.	1.9	34
115	A probability distribution model for information retrieval. Information Processing and Management, 1989, 25, 39-53.	5.4	33
116	Interval sets and interval-set algebras. , 2009, , .		32
117	A three learning states Bayesian knowledge tracing model. Knowledge-Based Systems, 2018, 148, 189-201.	4.0	32
118	Web Intelligence Meets Brain Informatics. Lecture Notes in Computer Science, 2007, , 1-31.	1.0	32
119	A three-way multi-attribute decision making method based on regret theory and its application to medical data in fuzzy environments. Applied Soft Computing Journal, 2022, 123, 108975.	4.1	32
120	A Note on Definability and Approximations. , 2007, , 274-282.		30
121	Human-Inspired Granular Computing. , 2010, , 1-15.		30
122	Multiview intelligent data analysis based on granular computing. , 0, , .		29
123	User-centric query refinement and processing using granularity-based strategies. Knowledge and Information Systems, 2011, 27, 419-450.	2.1	29
124	On Reduct Construction Algorithms. Lecture Notes in Computer Science, 2008, , 100-117.	1.0	29
125	Rule + Exception Strategies for Security Information Analysis. IEEE Intelligent Systems, 2005, 20, 52-57.	4.0	28
126	Local peculiarity factor and its application in outlier detection. , 2008, , .		28

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127	Rough implication operator based on strong topological rough algebras. Information Sciences, 2010, 180, 3764-3780.	4.0	28
128	USING MARKET VALUE FUNCTIONS FOR TARGETED MARKETING DATA MINING. International Journal of Pattern Recognition and Artificial Intelligence, 2002, 16, 1117-1131.	0.7	27
129	Attribution reduction based on sequential three-way search of granularity. International Journal of Machine Learning and Cybernetics, 2021, 12, 1439-1458.	2.3	27
130	Granular Computing: Past, Present, and Future. , 2008, , 27-28.		27
131	Stratified rough sets and granular computing. , 0, , .		26
132	A Note on Attribute Reduction in the Decision-Theoretic Rough Set Model. Lecture Notes in Computer Science, 2011, , 260-275.	1.0	26
133	Interval Set Cluster Analysis: A Re-formulation. Lecture Notes in Computer Science, 2009, , 398-405.	1.0	25
134	An analysis of three types of partially-known formal concepts. International Journal of Machine Learning and Cybernetics, 2018, 9, 1767-1783.	2.3	24
135	Three-way fuzzy partitions defined by shadowed sets. Information Sciences, 2019, 497, 23-37.	4.0	24
136	A measure-theoretic axiomatization of fuzzy sets. Fuzzy Sets and Systems, 1993, 60, 295-307.	1.6	23
137	Bayesian Decision Theory for Dominance-Based Rough Set Approach. , 2007, , 134-141.		22
138	Duality in Rough Set Theory Based on the Square of Opposition. Fundamenta Informaticae, 2013, 127, 49-64.	0.3	21
139	Concept formation and learning: a cognitive informatics perspective. , 2004, , .		20
140	Probabilistic rule induction with the LERS data mining system. International Journal of Intelligent Systems, 2011, 26, 518-539.	3.3	20
141	Interpreting Low and High Order Rules: A Granular Computing Approach. Lecture Notes in Computer Science, 2007, , 371-380.	1.0	20
142	User-Oriented Feature Selection for Machine Learning. Computer Journal, 2007, 50, 421-434.	1.5	19
143	A hypergraph model of granular computing. , 2008, , .		19
144	Integrative Levels of Granularity. Studies in Computational Intelligence, 2009, , 31-47.	0.7	19

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145	Human-machine co-intelligence through symbiosis in the SMV space. <i>Applied Intelligence</i> , 2023, 53, 2777-2797.	3.3	19
146	Relational peculiarity-oriented mining. <i>Data Mining and Knowledge Discovery</i> , 2007, 15, 249-273.	2.4	18
147	Probabilistic Rough Sets. , 2015, , 387-411.		18
148	DBLP-SSE: A DBLP Search Support Engine. , 2009, , .		17
149	Brain activation detection by neighborhood one-class SVM. <i>Cognitive Systems Research</i> , 2010, 11, 16-24.	1.9	17
150	Artificial Intelligence Perspectives on Granular Computing. <i>Intelligent Systems Reference Library</i> , 2011, , 17-34.	1.0	17
151	A model of three-way approximation of intuitionistic fuzzy sets. <i>International Journal of Machine Learning and Cybernetics</i> , 2022, 13, 163-174.	2.3	17
152	Subsystem Based Generalizations of Rough Set Approximations. <i>Lecture Notes in Computer Science</i> , 2005, , 210-218.	1.0	16
153	Visualization Support for Interactive Query Refinement. , 0, , .		16
154	Mean-value-based decision-theoretic shadowed sets. , 2013, , .		16
155	<title>Information granulation for web-based information support systems</title>. , 2003, , .		15
156	Knowledge Retrieval (KR). , 2007, , .		15
157	A Logic Language of Granular Computing. , 2007, , .		15
158	Min-max attribute-object bireducts: On unifying models of reducts in rough set theory. <i>Information Sciences</i> , 2019, 501, 68-83.	4.0	14
159	On the properties of subsethood measures. <i>Information Sciences</i> , 2019, 494, 208-232.	4.0	14
160	A Model of Machine Learning Based on User Preference of Attributes. <i>Lecture Notes in Computer Science</i> , 2006, , 587-596.	1.0	14
161	The Concept of Reducts in Pawlak Three-Step Rough Set Analysis. <i>Lecture Notes in Computer Science</i> , 2013, , 53-72.	1.0	14
162	Supporting Sustainable Communities with Web-based Information Systems. <i>Journal of Environmental Informatics</i> , 2006, 7, 84-94.	6.0	14

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163	A generalized binary probabilistic independence model. Journal of the Association for Information Science and Technology, 1990, 41, 324-329.	1.2	13
164	Evaluation of an adaptive linear model. Journal of the Association for Information Science and Technology, 1991, 42, 723-730.	1.2	13
165	Generalized probabilistic rough set models. , 0, , .		13
166	A Measurement-Theoretic Foundation of Rule Interestingness Evaluation. , 0, , 41-59.		13
167	An Operable Email Based Intelligent Personal Assistant. World Wide Web, 2009, 12, 125-147.	2.7	13
168	Three-Way Decisions Using Rough Sets. Advanced Information and Knowledge Processing, 2012, , 79-93.	0.2	13
169	Rough Set Approximations in Multi-granulation Fuzzy Approximation Spaces. Fundamenta Informaticae, 2015, 142, 145-160.	0.3	13
170	Rough Set Approximations in Formal Concept Analysis and Knowledge Spaces. , 2008, , 319-328.		13
171	A Granular Computing Paradigm for Concept Learning. Smart Innovation, Systems and Technologies, 2013, , 307-326.	0.5	13
172	Data Mining for Targeted Marketing. , 2004, , 109-131.		13
173	<title>Information tables with neighborhood semantics</title>. , 2000, 4057, 108.		12
174	<title>A step toward the foundations of data mining</title>. , 2003, , .		12
175	Methods and Practices of Three-Way Decisions for Complex Problem Solving. Lecture Notes in Computer Science, 2015, , 255-265.	1.0	12
176	Matrix approach for fuzzy description reduction and group decision-making with fuzzy $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si476.svg"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle l^2 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ -covering. Information Sciences, 2022, 597, 53-85.	4.0	12
177	Granular Computing and Three-way Decisions for Cognitive Analytics. Cognitive Computation, 2022, 14, 1801-1804.	3.6	12
178	LEVEL-WISE CONSTRUCTION OF DECISION TREES FOR CLASSIFICATION. International Journal of Software Engineering and Knowledge Engineering, 2006, 16, 103-126.	0.6	11
179	Structured Writing with Granular Computing Strategies. , 2007, , .		11
180	The Neural Mechanism of Human Numerical Inductive Reasoning Process: A Combined ERP and fMRI Study. , 2006, , 223-243.		11

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181	COMPARATIVE BELIEFS AND THEIR MEASUREMENTS. International Journal of General Systems, 1993, 22, 69-89.	1.2	10
182	Time Dissociative Characteristics of Numerical Inductive Reasoning: Behavioral and ERP Evidence. Neural Networks (IJCNN), International Joint Conference on, 2007, , .	0.0	10
183	A Model of User-Oriented Reduct Construction for Machine Learning. Transactions on Rough Sets, 2008, , 332-351.	1.1	10
184	Web Intelligence (WI): A New Paradigm for Developing the Wisdom Web and Social Network Intelligence. , 2003, , 1-16.		10
185	Interactive classification using a granule network. , 2005, , .		9
186	User-centered Interactive Data Mining. , 2006, , .		9
187	Explanation-Oriented Data Mining. , 2005, , 492-497.		9
188	A trilevel analysis of uncertainty measures in partition-based granular computing. Artificial Intelligence Review, 2023, 56, 533-575.	9.7	9
189	Web intelligence: new frontiers of exploration. , 0, , .		8
190	Conflict Analysis Based on Discernibility and Indiscernibility. , 2007, , .		8
191	Two-Phase Rule Induction from Incomplete Data. , 2008, , 47-54.		8
192	User-Centered Interactive Data Mining. International Journal of Cognitive Informatics and Natural Intelligence, 2008, 2, 58-72.	0.4	8
193	Statistical Interpretations of Three-Way Decisions. Lecture Notes in Computer Science, 2015, , 309-320.	1.0	8
194	Measurement of general granules. Information Sciences, 2017, 415-416, 128-141.	4.0	8
195	An Empirical Comparison of Rule Sets Induced by LERS and Probabilistic Rough Classification. Lecture Notes in Computer Science, 2010, , 590-599.	1.0	8
196	Perspectives on Cognitive Computing and Applications. International Journal of Software Science and Computational Intelligence, 2010, 2, 32-44.	1.8	8
197	A probabilistic method for computing term-by-term relationships. Journal of the Association for Information Science and Technology, 1993, 44, 431-439.	1.2	7
198	Mining market value functions for targeted marketing. , 0, , .		7

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199	A Two-Phase Model for Learning Rules from Incomplete Data. <i>Fundamenta Informaticae</i> , 2009, 94, 219-232.	0.3	7
200	Peculiarity Analysis for Classifications. , 2009, , .		7
201	Algebraic approaches to granular computing. <i>Granular Computing</i> , 2021, 6, 119-131.	4.4	7
202	Pawlak's Many Valued Information System, Non-deterministic Information System, and a Proposal of New Topics on Information Incompleteness Toward the Actual Application. <i>Studies in Computational Intelligence</i> , 2017, , 187-204.	0.7	7
203	Top-Down Progressive Computing. <i>Lecture Notes in Computer Science</i> , 2011, , 734-742.	1.0	7
204	Characterization of comparative belief structures. <i>International Journal of Man-Machine Studies</i> , 1992, 37, 123-133.	0.7	6
205	Micro and macro evaluation of classification rules. , 2008, , .		6
206	Modeling Tag-Aware Recommendations Based on User Preferences. <i>International Journal of Information Technology and Decision Making</i> , 2015, 14, 947-970.	2.3	6
207	Determining Thresholds in Three-Way Decisions with Chi-Square Statistic. <i>Lecture Notes in Computer Science</i> , 2016, , 272-281.	1.0	6
208	Granular Structures and Approximations in Rough Sets and Knowledge Spaces. <i>Studies in Computational Intelligence</i> , 2009, , 71-84.	0.7	6
209	Supporting Literature Exploration with Granular Knowledge Structures. <i>Lecture Notes in Computer Science</i> , 2007, , 182-189.	1.0	6
210	REPRESENTATION, PROPAGATION AND COMBINATION OF UNCERTAIN INFORMATION. <i>International Journal of General Systems</i> , 1994, 23, 59-83.	1.2	5
211	A BUSINESS PROCESS CENTERED SOFTWARE ANALYSIS METHOD. <i>International Journal of Software Engineering and Knowledge Engineering</i> , 2003, 13, 153-168.	0.6	5
212	Granular Computing and Cognitive Informatics. , 2006, , .		5
213	Brain Activation Detection by Neighborhood One-Class SVM. , 2007, , .		5
214	A UNIFIED FRAMEWORK OF TARGETED MARKETING USING CUSTOMER PREFERENCES. <i>Computational Intelligence</i> , 2014, 30, 451-472.	2.1	5
215	An interview with Professor Raj Reddy on Web Intelligence (WI) and Computational Social Science (CSS). <i>Web Intelligence</i> , 2018, 16, 143-146.	0.1	5
216	An Application of Bayesian Confirmation Theory for Three-Way Decision. <i>Lecture Notes in Computer Science</i> , 2019, , 3-15.	1.0	5

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