

Yiyu Yao

List of Publications by Year in Descending Order

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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.

282
papers

13,796
citations

56
h-index

112
g-index

305
ext. papers

16,251
ext. citations

3.3
avg, IF

7.93
L-index

#	Paper	IF	Citations
282	Tri-level attribute reduction in rough set theory. <i>Expert Systems With Applications</i> , 2022 , 190, 116187	7.8	11
281	Granular rough sets and granular shadowed sets: Three-way approximations in Pawlak approximation spaces. <i>International Journal of Approximate Reasoning</i> , 2022 , 142, 231-247	3.6	2
280	Symbols-Meaning-Value (SMV) space as a basis for a conceptual model of data science. <i>International Journal of Approximate Reasoning</i> , 2022 , 144, 113-128	3.6	6
279	Aggregation operators on shadowed sets. <i>Information Sciences</i> , 2022 , 595, 313-333	7.7	0
278	Matrix approach for fuzzy description reduction and group decision-making with fuzzy E-covering. <i>Information Sciences</i> , 2022 , 597, 53-85	7.7	1
277	A three-way multi-attribute decision making method based on regret theory and its application to medical data in fuzzy environments. <i>Applied Soft Computing Journal</i> , 2022 , 123, 108975	7.5	1
276	New measures of alliance and conflict for three-way conflict analysis. <i>International Journal of Approximate Reasoning</i> , 2021 , 132, 49-69	3.6	13
275	Set-theoretic models of three-way decision. <i>Granular Computing</i> , 2021 , 6, 133-148	5.4	32
274	Algebraic approaches to granular computing. <i>Granular Computing</i> , 2021 , 6, 119-131	5.4	2
273	3RD: A Multi-criteria Decision-Making Method Based on Three-Way Rankings. <i>Lecture Notes in Computer Science</i> , 2021 , 294-309	0.9	
272	The geometry of three-way decision. <i>Applied Intelligence</i> , 2021 , 51, 6298-6325	4.9	42
271	Trilevel Multi-criteria Decision Analysis Based on Three-Way Decision. <i>IFIP Advances in Information and Communication Technology</i> , 2021 , 115-124	0.5	
270	Attribution reduction based on sequential three-way search of granularity. <i>International Journal of Machine Learning and Cybernetics</i> , 2021 , 12, 1439-1458	3.8	8
269	A three-way decision based construction of shadowed sets from Atanassov intuitionistic fuzzy sets. <i>Information Sciences</i> , 2021 , 577, 1-21	7.7	23
268	Covering-based variable precision fuzzy rough sets with PROMETHEE-EDAS methods. <i>Information Sciences</i> , 2020 , 538, 314-336	7.7	46
267	Shadowed Neighborhoods Based on Fuzzy Rough Transformation for Three-Way Classification. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 978-991	8.3	22
266	Three-way multi-attribute decision-making based on outranking relations. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	70

265	Semantics of soft sets and three-way decision with soft sets. <i>Knowledge-Based Systems</i> , 2020 , 194, 105538	7.3	38	31
264	Three-way conflict analysis: A unification of models based on rough sets and formal concept analysis. <i>Knowledge-Based Systems</i> , 2020 , 194, 105556	7.3		20
263	Modeling Use-Oriented Attribute Importance with the Three-Way Decision Theory. <i>Lecture Notes in Computer Science</i> , 2020 , 122-136	0.9		2
262	Intuitionistic fuzzy TOPSIS method based on CVPIFRS models: An application to biomedical problems. <i>Information Sciences</i> , 2020 , 517, 315-339	7.7		48
261	On modeling similarity and three-way decision under incomplete information in rough set theory. <i>Knowledge-Based Systems</i> , 2020 , 191, 105251	7.3		28
260	Three-way granular computing, rough sets, and formal concept analysis. <i>International Journal of Approximate Reasoning</i> , 2020 , 116, 106-125	3.6		126
259	Tri-level thinking: models of three-way decision. <i>International Journal of Machine Learning and Cybernetics</i> , 2020 , 11, 947-959	3.8		81
258	Covering based multigranulation fuzzy rough sets and corresponding applications. <i>Artificial Intelligence Review</i> , 2020 , 53, 1093-1126	9.7		32
257	Granularity-driven sequential three-way decisions: A cost-sensitive approach to classification. <i>Information Sciences</i> , 2020 , 507, 644-664	7.7		28
256	Facial Similarity Analysis: A Three-Way Decision Perspective. <i>Studies in Fuzziness and Soft Computing</i> , 2019 , 289-313	0.7		
255	TOPSIS method based on a fuzzy covering approximation space: An application to biological nano-materials selection. <i>Information Sciences</i> , 2019 , 502, 297-329	7.7		51
254	An Application of Bayesian Confirmation Theory for Three-Way Decision. <i>Lecture Notes in Computer Science</i> , 2019 , 3-15	0.9		3
253	Min-max attribute-object bireducts: On unifying models of reducts in rough set theory. <i>Information Sciences</i> , 2019 , 501, 68-83	7.7		11
252	Three-way fuzzy partitions defined by shadowed sets. <i>Information Sciences</i> , 2019 , 497, 23-37	7.7		13
251	Three-way conflict analysis: Reformulations and extensions of the Pawlak model. <i>Knowledge-Based Systems</i> , 2019 , 180, 26-37	7.3		66
250	On the properties of subsethood measures. <i>Information Sciences</i> , 2019 , 494, 208-232	7.7		8
249	Structured approximations as a basis for three-way decisions in rough set theory. <i>Knowledge-Based Systems</i> , 2019 , 165, 92-109	7.3		49
248	A three learning states Bayesian knowledge tracing model. <i>Knowledge-Based Systems</i> , 2018 , 148, 189-201	7.3		16

247	Local rough set: A solution to rough data analysis in big data. <i>International Journal of Approximate Reasoning</i> , 2018 , 97, 38-63	3.6	74
246	CE3: A three-way clustering method based on mathematical morphology. <i>Knowledge-Based Systems</i> , 2018 , 155, 54-65	7.3	76
245	Three-way decision perspectives on class-specific attribute reducts. <i>Information Sciences</i> , 2018 , 450, 227-245	7.45	50
244	A Linear Model for Three-Way Analysis of Facial Similarity. <i>Communications in Computer and Information Science</i> , 2018 , 528-537	0.3	
243	Modes of Sequential Three-Way Classifications. <i>Communications in Computer and Information Science</i> , 2018 , 724-735	0.3	4
242	An analysis of three types of partially-known formal concepts. <i>International Journal of Machine Learning and Cybernetics</i> , 2018 , 9, 1767-1783	3.8	19
241	An interview with Professor Raj Reddy on Web Intelligence (WI) and Computational Social Science (CSS). <i>Web Intelligence</i> , 2018 , 16, 143-146	0.7	4
240	A Sequential Three-Way Approach to Constructing a Co-association Matrix in Consensus Clustering. <i>Lecture Notes in Computer Science</i> , 2018 , 599-613	0.9	1
239	Three-way decision and granular computing. <i>International Journal of Approximate Reasoning</i> , 2018 , 103, 107-123	3.6	252
238	Ensemble selector for attribute reduction. <i>Applied Soft Computing Journal</i> , 2018 , 70, 1-11	7.5	50
237	Effectiveness measures in movement-based three-way decisions. <i>Knowledge-Based Systems</i> , 2018 , 160, 136-143	7.3	25
236	Cost-sensitive three-way recommendations by learning pair-wise preferences. <i>International Journal of Approximate Reasoning</i> , 2017 , 86, 28-40	3.6	23
235	Measurement of general granules. <i>Information Sciences</i> , 2017 , 415-416, 128-141	7.7	6
234	Constructing shadowed sets and three-way approximations of fuzzy sets. <i>Information Sciences</i> , 2017 , 412-413, 132-153	7.7	82
233	Enhancing Binary Classification by Modeling Uncertain Boundary in Three-Way Decisions. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2017 , 29, 1438-1451	4.2	49
232	A unified model of sequential three-way decisions and multilevel incremental processing. <i>Knowledge-Based Systems</i> , 2017 , 134, 172-188	7.3	80
231	Class-specific attribute reducts in rough set theory. <i>Information Sciences</i> , 2017 , 418-419, 601-618	7.7	62
230	Actionable strategies in three-way decisions. <i>Knowledge-Based Systems</i> , 2017 , 133, 141-155	7.3	29

229	Dynamic probabilistic rough sets with incomplete data. <i>Information Sciences</i> , 2017 , 417, 39-54	7.7	34
228	Interval sets and three-way concept analysis in incomplete contexts. <i>International Journal of Machine Learning and Cybernetics</i> , 2017 , 8, 3-20	3.8	106
227	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	0.8	7
226	C&E Re-clustering: Reconstruction of Clustering Results by Three-Way Strategy. <i>Lecture Notes in Computer Science</i> , 2017 , 540-549	0.9	1
225	Actionable Strategies in Three-Way Decisions with Rough Sets. <i>Lecture Notes in Computer Science</i> , 2017 , 183-199	0.9	1
224	Two Bayesian approaches to rough sets. <i>European Journal of Operational Research</i> , 2016 , 251, 904-917	5.6	45
223	Rough set models in multigranulation spaces. <i>Information Sciences</i> , 2016 , 327, 40-56	7.7	116
222	Detecting and refining overlapping regions in complex networks with three-way decisions. <i>Information Sciences</i> , 2016 , 373, 21-41	7.7	55
221	WaaS: Wisdom as a Service 2016 , 27-46		1
220	Advances in three-way decisions and granular computing. <i>Knowledge-Based Systems</i> , 2016 , 91, 1-3	7.3	48
219	A triarchic theory of granular computing. <i>Granular Computing</i> , 2016 , 1, 145-157	5.4	176
218	Generalized attribute reduct in rough set theory. <i>Knowledge-Based Systems</i> , 2016 , 91, 204-218	7.3	114
217	Three-Way Decisions and Cognitive Computing. <i>Cognitive Computation</i> , 2016 , 8, 543-554	4.4	248
216	Rough-set concept analysis: Interpreting RS-definable concepts based on ideas from formal concept analysis. <i>Information Sciences</i> , 2016 , 346-347, 442-462	7.7	37
215	A Semantical Approach to Rough Sets and Dominance-Based Rough Sets. <i>Communications in Computer and Information Science</i> , 2016 , 23-35	0.3	1
214	Research Challenges and Perspectives on Wisdom Web of Things (W2T) 2016 , 3-26		5
213	Utilizing DTRS for Imbalanced Text Classification. <i>Lecture Notes in Computer Science</i> , 2016 , 219-228	0.9	
212	Definability in Incomplete Information Tables. <i>Lecture Notes in Computer Science</i> , 2016 , 177-186	0.9	3

211	A semantically sound approach to Pawlak rough sets and covering-based rough sets. <i>International Journal of Approximate Reasoning</i> , 2016 , 78, 62-72	3.6	28
210	Determining Thresholds in Three-Way Decisions with Chi-Square Statistic. <i>Lecture Notes in Computer Science</i> , 2016 , 272-281	0.9	6
209	Probabilistic Rough Sets 2015 , 387-411		13
208	Modeling Tag-Aware Recommendations Based on User Preferences. <i>International Journal of Information Technology and Decision Making</i> , 2015 , 14, 947-970	2.8	3
207	Methods and Practices of Three-Way Decisions for Complex Problem Solving. <i>Lecture Notes in Computer Science</i> , 2015 , 255-265	0.9	8
206	Statistical Interpretations of Three-Way Decisions. <i>Lecture Notes in Computer Science</i> , 2015 , 309-320	0.9	7
205	Rough Set Approximations in Multi-granulation Fuzzy Approximation Spaces. <i>Fundamenta Informaticae</i> , 2015 , 142, 145-160	1	11
204	Rough Sets and Three-Way Decisions. <i>Lecture Notes in Computer Science</i> , 2015 , 62-73	0.9	32
203	The two sides of the theory of rough sets. <i>Knowledge-Based Systems</i> , 2015 , 80, 67-77	7.3	92
202	Decision-Level Sensor-Fusion Based on DTRS. <i>Lecture Notes in Computer Science</i> , 2015 , 321-332	0.9	1
201	Region Vector Based Attribute Reducts in Decision-Theoretic Rough Sets. <i>Lecture Notes in Computer Science</i> , 2015 , 355-365	0.9	1
200	A Definition of Structured Rough Set Approximations. <i>Lecture Notes in Computer Science</i> , 2014 , 111-122	0.9	4
199	Feature Selection Based on Confirmation-Theoretic Rough Sets. <i>Lecture Notes in Computer Science</i> , 2014 , 181-188	0.9	2
198	A UNIFIED FRAMEWORK OF TARGETED MARKETING USING CUSTOMER PREFERENCES. <i>Computational Intelligence</i> , 2014 , 30, 451-472	2.5	5
197	WaaS: Wisdom as a Service. <i>IEEE Intelligent Systems</i> , 2014 , 29, 40-47	4.2	28
196	A Multifaceted Analysis of Probabilistic Three-way Decisions. <i>Fundamenta Informaticae</i> , 2014 , 132, 291-313	1.3	42
195	Decision-theoretic three-way approximations of fuzzy sets. <i>Information Sciences</i> , 2014 , 279, 702-715	7.7	159
194	Quantitative rough sets based on subsethood measures. <i>Information Sciences</i> , 2014 , 267, 306-322	7.7	64

193	Cost-sensitive three-way email spam filtering. <i>Journal of Intelligent Information Systems</i> , 2014 , 42, 19-45	2.1	139
192	On Interpreting Three-Way Decisions through Two-Way Decisions. <i>Lecture Notes in Computer Science</i> , 2014 , 73-82	0.9	2
191	An Addition Strategy for Reduct Construction. <i>Lecture Notes in Computer Science</i> , 2014 , 535-546	0.9	4
190	Three-Way Formal Concept Analysis. <i>Lecture Notes in Computer Science</i> , 2014 , 732-741	0.9	53
189	Multidisciplinary approaches to computing 2013 ,		1
188	Research challenges and perspectives on Wisdom Web of Things (W2T). <i>Journal of Supercomputing</i> , 2013 , 64, 862-882	2.5	101
187	Mean-value-based decision-theoretic shadowed sets 2013 ,		13
186	Duality in Rough Set Theory Based on the Square of Opposition. <i>Fundamenta Informaticae</i> , 2013 , 127, 49-64	1	19
185	Comparison of Two Models of Probabilistic Rough Sets. <i>Lecture Notes in Computer Science</i> , 2013 , 121-132	0.9	3
184	A Granular Computing Paradigm for Concept Learning. <i>Smart Innovation, Systems and Technologies</i> , 2013 , 307-326	0.5	13
183	An Empirical Comparison of Rule Sets Induced by LERS and Probabilistic Rough Classification. <i>Intelligent Systems Reference Library</i> , 2013 , 261-276	0.8	6
182	The Concept of Reducts in Pawlak Three-Step Rough Set Analysis. <i>Lecture Notes in Computer Science</i> , 2013 , 53-72	0.9	11
181	Granular Computing and Sequential Three-Way Decisions. <i>Lecture Notes in Computer Science</i> , 2013 , 16-27	0.9	56
180	Multistage Email Spam Filtering Based on Three-Way Decisions. <i>Lecture Notes in Computer Science</i> , 2013 , 313-324	0.9	1
179	Covering based rough set approximations. <i>Information Sciences</i> , 2012 , 200, 91-107	7.7	325
178	A measurement theory view on the granularity of partitions. <i>Information Sciences</i> , 2012 , 213, 1-13	7.7	74
177	Three-Way Decisions Using Rough Sets. <i>Advanced Information and Knowledge Processing</i> , 2012 , 79-93	0.3	11
176	Set-theoretic Approaches to Granular Computing. <i>Fundamenta Informaticae</i> , 2012 , 115, 247-264	1	25

175	An Information-Theoretic Interpretation of Thresholds in Probabilistic Rough Sets. <i>Lecture Notes in Computer Science</i> , 2012 , 369-378	0.9	32
174	LOCAL PECULIARITY ORIENTED DATA MINING AND ITS APPLICATION IN OUTLIER DETECTION. <i>International Journal of Information Technology and Decision Making</i> , 2012 , 11, 1155-1181	2.8	2
173	An Outline of a Theory of Three-Way Decisions. <i>Lecture Notes in Computer Science</i> , 2012 , 1-17	0.9	183
172	Multiple Representations of Web Content for Effective Knowledge Utilization. <i>Lecture Notes in Computer Science</i> , 2012 , 338-347	0.9	1
171	An Introduction to Rough Sets. <i>Advanced Information and Knowledge Processing</i> , 2012 , 3-20	0.3	1
170	Artificial Intelligence Perspectives on Granular Computing. <i>Intelligent Systems Reference Library</i> , 2011 , 17-34	0.8	11
169	Two Semantic Issues in a Probabilistic Rough Set Model. <i>Fundamenta Informaticae</i> , 2011 , 108, 249-265	1	67
168	User-centric query refinement and processing using granularity-based strategies. <i>Knowledge and Information Systems</i> , 2011 , 27, 419-450	2.4	23
167	Record-level peculiarity-based data analysis and classifications. <i>Knowledge and Information Systems</i> , 2011 , 28, 149-173	2.4	3
166	Probabilistic rule induction with the LERS data mining system. <i>International Journal of Intelligent Systems</i> , 2011 , 26, 518-539	8.4	18
165	The superiority of three-way decisions in probabilistic rough set models. <i>Information Sciences</i> , 2011 , 181, 1080-1096	7.7	438
164	Sequential three-way decisions with probabilistic rough sets 2011 ,		35
163	Three-way Investment Decisions with Decision-theoretic Rough Sets. <i>International Journal of Computational Intelligence Systems</i> , 2011 , 4, 66-74	3.4	162
162	A Note on Attribute Reduction in the Decision-Theoretic Rough Set Model. <i>Lecture Notes in Computer Science</i> , 2011 , 260-275	0.9	23
161	Granular State Space Search. <i>Lecture Notes in Computer Science</i> , 2011 , 285-290	0.9	4
160	Top-Down Progressive Computing. <i>Lecture Notes in Computer Science</i> , 2011 , 734-742	0.9	5
159	Partitions, Coverings, Reducts and Rule Learning in Rough Set Theory. <i>Lecture Notes in Computer Science</i> , 2011 , 101-109	0.9	2
158	The Role of Lateral Inferior Prefrontal Cortex during Information Retrieval. <i>Lecture Notes in Computer Science</i> , 2011 , 53-63	0.9	1

157	Perspectives on Cognitive Informatics and Cognitive Computing. <i>International Journal of Cognitive Informatics and Natural Intelligence</i> , 2010 , 4, 1-29	0.9	51
156	A Three-Way Decision Approach to Email Spam Filtering. <i>Lecture Notes in Computer Science</i> , 2010 , 28-39	0.9	59
155	Rough, fuzzy, interval clustering for web usage mining 2010 ,		2
154	A comparison of positive, boundary, and possible rules using the MLEM2 rule induction algorithm 2010 ,		3
153	Introduction to brain informatics. <i>Cognitive Systems Research</i> , 2010 , 11, 1-2	4.8	3
152	Evaluating information retrieval system performance based on user preference. <i>Journal of Intelligent Information Systems</i> , 2010 , 34, 227-248	2.1	30
151	Brain activation detection by neighborhood one-class SVM. <i>Cognitive Systems Research</i> , 2010 , 11, 16-24	4.8	15
150	Three-way decisions with probabilistic rough sets. <i>Information Sciences</i> , 2010 , 180, 341-353	7.7	761
149	MGRS: A multi-granulation rough set. <i>Information Sciences</i> , 2010 , 180, 949-970	7.7	457
148	Rough implication operator based on strong topological rough algebras. <i>Information Sciences</i> , 2010 , 180, 3764-3780	7.7	22
147	Human-Inspired Granular Computing 2010 , 1-15		24
146	Perspectives on Cognitive Computing and Applications. <i>International Journal of Software Science and Computational Intelligence</i> , 2010 , 2, 32-44	1.4	5
145	An Empirical Comparison of Rule Sets Induced by LERS and Probabilistic Rough Classification. <i>Lecture Notes in Computer Science</i> , 2010 , 590-599	0.9	5
144	Indiscernibility and Similarity in an Incomplete Information Table. <i>Lecture Notes in Computer Science</i> , 2010 , 110-117	0.9	3
143	Naive Bayesian Rough Sets. <i>Lecture Notes in Computer Science</i> , 2010 , 719-726	0.9	50
142	Qualitative Approximations of Fuzzy Sets and Non-classical Three-Valued Logics (II). <i>Lecture Notes in Computer Science</i> , 2010 , 204-211	0.9	1
141	Set-Theoretic Models of Granular Structures. <i>Lecture Notes in Computer Science</i> , 2010 , 94-101	0.9	4
140	Qualitative Approximations of Fuzzy Sets and Non-classical Three-Valued Logics (I). <i>Lecture Notes in Computer Science</i> , 2010 , 195-203	0.9	1

139	Basic Level Advantage and Its Switching during Information Retrieval: An fMRI Study. <i>Lecture Notes in Computer Science</i> , 2010 , 427-436	0.9	3
138	A Two-Phase Model for Learning Rules from Incomplete Data. <i>Fundamenta Informaticae</i> , 2009 , 94, 219-232		5
137	Three-Way Decision: An Interpretation of Rules in Rough Set Theory. <i>Lecture Notes in Computer Science</i> , 2009 , 642-649	0.9	149
136	DBLP-SSE: A DBLP Search Support Engine 2009 ,		11
135	A Doctrine of Cognitive Informatics (CI). <i>Fundamenta Informaticae</i> , 2009 , 90, 203-228	1	70
134	An Operable Email Based Intelligent Personal Assistant. <i>World Wide Web</i> , 2009 , 12, 125-147	2.9	11
133	Discernibility matrix simplification for constructing attribute reducts. <i>Information Sciences</i> , 2009 , 179, 867-882	7.7	160
132	Relative reducts in consistent and inconsistent decision tables of the Pawlak rough set model. <i>Information Sciences</i> , 2009 , 179, 4140-4150	7.7	130
131	Interval sets and interval-set algebras 2009 ,		27
130	Missing values imputation hypothesis: An experimental evaluation 2009 ,		1
129	Peculiarity Analysis for Classifications 2009 ,		6
128	Interpreting concept learning in cognitive informatics and granular computing. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2009 , 39, 855-66		100
127	On the System Algebra Foundations for Granular Computing. <i>International Journal of Software Science and Computational Intelligence</i> , 2009 , 1, 64-86	1.4	54
126	Granular Structures and Approximations in Rough Sets and Knowledge Spaces. <i>Studies in Computational Intelligence</i> , 2009 , 71-84	0.8	3
125	Integrative Levels of Granularity. <i>Studies in Computational Intelligence</i> , 2009 , 31-47	0.8	15
124	Interval Set Cluster Analysis: A Re-formulation. <i>Lecture Notes in Computer Science</i> , 2009 , 398-405	0.9	19
123	Figural Effects in Syllogistic Reasoning with Evaluation Paradigm: An Eye-Movement Study. <i>Lecture Notes in Computer Science</i> , 2009 , 106-114	0.9	
122	Granular Computing for Web Intelligence. <i>Studies in Computational Intelligence</i> , 2009 , 89-102	0.8	0

121	Two-Phase Rule Induction from Incomplete Data 2008 , 47-54		6
120	EvalWare: Granular Computing for Web Applications [Best of the Web]. <i>IEEE Signal Processing Magazine</i> , 2008 , 25, 142-144	9.4	1
119	Micro and macro evaluation of classification rules 2008 ,		3
118	A hypergraph model of granular computing 2008 ,		12
117	Local peculiarity factor and its application in outlier detection 2008 ,		21
116	Granular computing: Past, present and future 2008 ,		24
115	Web Intelligence (WI) 2008 , 1		8
114	User-Centered Interactive Data Mining. <i>International Journal of Cognitive Informatics and Natural Intelligence</i> , 2008 , 2, 58-72	0.9	5
113	A multiview approach for intelligent data analysis based on data operators. <i>Information Sciences</i> , 2008 , 178, 1-20	7.7	72
112	Attribute reduction in decision-theoretic rough set models. <i>Information Sciences</i> , 2008 , 178, 3356-3373	7.7	386
111	Probabilistic rough set approximations. <i>International Journal of Approximate Reasoning</i> , 2008 , 49, 255-274	6	434
110	Evaluating Information Retrieval System Performance Based on Multi-grade Relevance 2008 , 424-433		
109	Perspectives on Denotational Mathematics: New Means of Thought. <i>Lecture Notes in Computer Science</i> , 2008 , 1-5	0.9	0
108	A Conceptual Framework of Data Mining. <i>Studies in Computational Intelligence</i> , 2008 , 501-515	0.8	4
107	Rough Set Approximations in Formal Concept Analysis and Knowledge Spaces 2008 , 319-328		9
106	Granular Computing: Past, Present, and Future 2008 , 27-28		20
105	A Model of User-Oriented Reduct Construction for Machine Learning. <i>Transactions on Rough Sets</i> , 2008 , 332-351		8
104	On Reduct Construction Algorithms. <i>Lecture Notes in Computer Science</i> , 2008 , 100-117	0.9	24

103	A Comparison of the LERS Classification System and Rule Management in PRSM. <i>Lecture Notes in Computer Science</i> , 2008 , 202-210	0.9	4
102	A Logic Language of Granular Computing 2007 ,		8
101	Time Dissociative Characteristics of Numerical Inductive Reasoning: Behavioral and ERP Evidence. <i>Neural Networks (IJCNN), International Joint Conference on</i> , 2007 ,		7
100	Granular Computing 2007 ,		8
99	Data analysis based on discernibility and indiscernibility. <i>Information Sciences</i> , 2007 , 177, 4959-4976	7.7	79
98	Relational peculiarity-oriented mining. <i>Data Mining and Knowledge Discovery</i> , 2007 , 15, 249-273	5.6	15
97	Envisioning intelligent information technologies through the prism of web intelligence. <i>Communications of the ACM</i> , 2007 , 50, 89-94	2.5	52
96	Structured Writing with Granular Computing Strategies 2007 ,		7
95	Brain Activation Detection by Neighborhood One-Class SVM 2007 ,		5
94	Decision-Theoretic Rough Set Models 2007 , 1-12		150
93	User-Oriented Feature Selection for Machine Learning. <i>Computer Journal</i> , 2007 , 50, 421-434	1.3	15
92	Conflict Analysis Based on Discernibility and Indiscernibility 2007 ,		5
91	Granular Computing for Web Intelligence and Brain Informatics 2007 ,		2
90	Knowledge Retrieval (KR) 2007 ,		12
89	Web Intelligence Meets Immunology 2007 , 205-213		
88	Supporting Literature Exploration with Granular Knowledge Structures. <i>Lecture Notes in Computer Science</i> , 2007 , 182-189	0.9	3
87	Interactive Classification Using a Granule Network. <i>International Journal of Cognitive Informatics and Natural Intelligence</i> , 2007 , 1, 87-97	0.9	
86	A Note on Definability and Approximations 2007 , 274-282		25

85	A General Definition of an Attribute Reduct 2007 , 101-108		31
84	Bayesian Decision Theory for Dominance-Based Rough Set Approach 2007 , 134-141		17
83	A Profit-Based Business Model for Evaluating Rule Interestingness. <i>Lecture Notes in Computer Science</i> , 2007 , 296-307	0.9	2
82	The Art of Granular Computing. <i>Lecture Notes in Computer Science</i> , 2007 , 101-112	0.9	50
81	Interpreting Low and High Order Rules: A Granular Computing Approach. <i>Lecture Notes in Computer Science</i> , 2007 , 371-380	0.9	14
80	Web Intelligence Meets Brain Informatics. <i>Lecture Notes in Computer Science</i> , 2007 , 1-31	0.9	23
79	Granular Computing and Cognitive Informatics 2006 ,		2
78	Granular computing for data mining 2006 ,		23
77	Classification Based on Logical Concept Analysis. <i>Lecture Notes in Computer Science</i> , 2006 , 419-430	0.9	5
76	2006 ,		2
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