

# Trli30

## List of Publications by Citations

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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.

281  
papers

6,798  
citations

50  
h-index

73  
g-index

358  
ext. papers

8,623  
ext. citations

4.9  
avg, IF

6.68  
L-index

#	Paper	IF	Citations
281	A rough sets based characteristic relation approach for dynamic attribute generalization in data mining. <i>Knowledge-Based Systems</i> , <b>2007</b> , 20, 485-494	7.3	208
280	Predicting citywide crowd flows using deep spatio-temporal residual networks. <i>Artificial Intelligence</i> , <b>2018</b> , 259, 147-166	3.6	186
279	b-SPECS+: Batch Verification for Secure Pseudonymous Authentication in VANET. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2013</b> , 8, 1860-1875	8	163
278	Three-way Investment Decisions with Decision-theoretic Rough Sets. <i>International Journal of Computational Intelligence Systems</i> , <b>2011</b> , 4, 66-74	3.4	162
277	Forecasting Fine-Grained Air Quality Based on Big Data <b>2015</b> ,		157
276	Probabilistic model criteria with decision-theoretic rough sets. <i>Information Sciences</i> , <b>2011</b> , 181, 3709-3727	7.7	135
275	A fuzzy rough set approach for incremental feature selection on hybrid information systems. <i>Fuzzy Sets and Systems</i> , <b>2015</b> , 258, 39-60	3.7	129
274	Incorporating logistic regression to decision-theoretic rough sets for classifications. <i>International Journal of Approximate Reasoning</i> , <b>2014</b> , 55, 197-210	3.6	129
273	Composite rough sets for dynamic data mining. <i>Information Sciences</i> , <b>2014</b> , 257, 81-100	7.7	121
272	An efficient certificateless aggregate signature with conditional privacy-preserving for vehicular sensor networks. <i>Information Sciences</i> , <b>2015</b> , 317, 48-66	7.7	112
271	Rough sets based matrix approaches with dynamic attribute variation in set-valued information systems. <i>International Journal of Approximate Reasoning</i> , <b>2012</b> , 53, 620-635	3.6	112
270	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 3235-3248	6.8	111
269	A Decision-Theoretic Rough Set Approach for Dynamic Data Mining. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2015</b> , 23, 1958-1970	8.3	111
268	A Rough-Set-Based Incremental Approach for Updating Approximations under Dynamic Maintenance Environments. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2013</b> , 25, 274-284	4.2	101
267	THREE-WAY GOVERNMENT DECISION ANALYSIS WITH DECISION-THEORETIC ROUGH SETS. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , <b>2012</b> , 20, 119-132	0.8	98
266	A parallel method for computing rough set approximations. <i>Information Sciences</i> , <b>2012</b> , 194, 209-223	7.7	87
265	Deep Distributed Fusion Network for Air Quality Prediction <b>2018</b> ,		84

264	Neighborhood rough sets for dynamic data mining. <i>International Journal of Intelligent Systems</i> , <b>2012</b> , 27, 317-342	8.4	84
263	Parallel attribute reduction in dominance-based neighborhood rough set. <i>Information Sciences</i> , <b>2016</b> , 373, 351-368	7.7	83
262	Multivariate time series forecasting via attention-based encoder-decoder framework. <i>Neurocomputing</i> , <b>2020</b> , 388, 269-279	5.4	80
261	A unified model of sequential three-way decisions and multilevel incremental processing. <i>Knowledge-Based Systems</i> , <b>2017</b> , 134, 172-188	7.3	80
260	A Multiple-category Classification Approach with Decision-theoretic Rough Sets. <i>Fundamenta Informaticae</i> , <b>2012</b> , 115, 173-188	1	80
259	A multitask multiview clustering algorithm in heterogeneous situations based on LLE and LE. <i>Knowledge-Based Systems</i> , <b>2019</b> , 163, 776-786	7.3	80
258	Incremental updating approximations in dominance-based rough sets approach under the variation of the attribute set. <i>Knowledge-Based Systems</i> , <b>2013</b> , 40, 17-26	7.3	79
257	Urban big data fusion based on deep learning: An overview. <i>Information Fusion</i> , <b>2020</b> , 53, 123-133	16.7	77
256	Decision region distribution preservation reduction in decision-theoretic rough set model. <i>Information Sciences</i> , <b>2014</b> , 278, 614-640	7.7	75
255	Updating three-way decisions in incomplete multi-scale information systems. <i>Information Sciences</i> , <b>2019</b> , 476, 274-289	7.7	75
254	Incremental approaches for updating approximations in set-valued ordered information systems. <i>Knowledge-Based Systems</i> , <b>2013</b> , 50, 218-233	7.3	74
253	An incremental attribute reduction approach based on knowledge granularity with a multi-granulation view. <i>Information Sciences</i> , <b>2017</b> , 411, 23-38	7.7	69
252	A Rough Set-Based Method for Updating Decision Rules on Attribute Values [Coarsening and Refining]. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2014</b> , 26, 2886-2899	4.2	68
251	Feature selection for imbalanced data based on neighborhood rough sets. <i>Information Sciences</i> , <b>2019</b> , 483, 1-20	7.7	67
250	Maintenance of approximations in incomplete ordered decision systems while attribute values coarsening or refining. <i>Knowledge-Based Systems</i> , <b>2012</b> , 31, 140-161	7.3	66
249	Dynamic maintenance of approximations in set-valued ordered decision systems under the attribute generalization. <i>Information Sciences</i> , <b>2014</b> , 257, 210-228	7.7	65
248	A rough set based dynamic maintenance approach for approximations in coarsening and refining attribute values. <i>International Journal of Intelligent Systems</i> , <b>2010</b> , 25, 1005-1026	8.4	65
247	Matrix approach to decision-theoretic rough sets for evolving data. <i>Knowledge-Based Systems</i> , <b>2016</b> , 99, 123-134	7.3	62

246	Incremental update of approximations in dominance-based rough sets approach under the variation of attribute values. <i>Information Sciences</i> , <b>2015</b> , 294, 348-361	7.7	62
245	Incremental updating approximations in probabilistic rough sets under the variation of attributes. <i>Knowledge-Based Systems</i> , <b>2015</b> , 73, 81-96	7.3	61
244	A rough set-based incremental approach for learning knowledge in dynamic incomplete information systems. <i>International Journal of Approximate Reasoning</i> , <b>2014</b> , 55, 1764-1786	3.6	60
243	A sequential three-way approach to multi-class decision. <i>International Journal of Approximate Reasoning</i> , <b>2019</b> , 104, 108-125	3.6	60
242	An Incremental Approach for Inducing Knowledge from Dynamic Information Systems. <i>Fundamenta Informaticae</i> , <b>2009</b> , 94, 245-260	1	59
241	Incremental learning optimization on knowledge discovery in dynamic business intelligent systems. <i>Journal of Global Optimization</i> , <b>2011</b> , 51, 325-344	1.5	58
240	Matrix-based dynamic updating rough fuzzy approximations for data mining. <i>Knowledge-Based Systems</i> , <b>2017</b> , 119, 273-283	7.3	56
239	A Parallel Matrix-Based Method for Computing Approximations in Incomplete Information Systems. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2015</b> , 27, 326-339	4.2	55
238	A unified framework of dynamic three-way probabilistic rough sets. <i>Information Sciences</i> , <b>2017</b> , 420, 126-147	1.7	55
237	Urban flow prediction from spatiotemporal data using machine learning: A survey. <i>Information Fusion</i> , <b>2020</b> , 59, 1-12	16.7	55
236	Hierarchical cluster ensemble model based on knowledge granulation. <i>Knowledge-Based Systems</i> , <b>2016</b> , 91, 179-188	7.3	54
235	A comparison of parallel large-scale knowledge acquisition using rough set theory on different MapReduce runtime systems. <i>International Journal of Approximate Reasoning</i> , <b>2014</b> , 55, 896-907	3.6	54
234	Fast algorithms for computing rough approximations in set-valued decision systems while updating criteria values. <i>Information Sciences</i> , <b>2015</b> , 299, 221-242	7.7	51
233	Dynamic Maintenance of Approximations in Dominance-Based Rough Set Approach under the Variation of the Object Set. <i>International Journal of Intelligent Systems</i> , <b>2013</b> , 28, 729-751	8.4	50
232	A temporal-spatial composite sequential approach of three-way granular computing. <i>Information Sciences</i> , <b>2019</b> , 486, 171-189	7.7	50
231	Incremental rough set approach for hierarchical multicriteria classification. <i>Information Sciences</i> , <b>2018</b> , 429, 72-87	7.7	49
230	Reversible steganography using extended image interpolation technique. <i>Computers and Electrical Engineering</i> , <b>2015</b> , 46, 447-455	4.3	48
229	Deep Air Quality Forecasting Using Hybrid Deep Learning Framework. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2021</b> , 33, 2412-2424	4.2	47

228	An incremental attribute reduction approach based on knowledge granularity under the attribute generalization. <i>International Journal of Approximate Reasoning</i> , <b>2016</b> , 76, 80-95	3.6	46
227	Identification of Nonlinear Dynamic System Using a Novel Recurrent Wavelet Neural Network Based on the Pipelined Architecture. <i>IEEE Transactions on Industrial Electronics</i> , <b>2014</b> , 61, 4171-4182	8.9	44
226	A blind image copyright protection scheme for e-government. <i>Journal of Visual Communication and Image Representation</i> , <b>2013</b> , 24, 1099-1105	2.7	44
225	Dynamical updating fuzzy rough approximations for hybrid data under the variation of attribute values. <i>Information Sciences</i> , <b>2017</b> , 378, 363-388	7.7	44
224	. <i>IEEE Transactions on Evolutionary Computation</i> , <b>2016</b> , 20, 325-342	15.6	43
223	A vague-rough set approach for uncertain knowledge acquisition. <i>Knowledge-Based Systems</i> , <b>2011</b> , 24, 837-843	7.3	41
222	Incremental updating of rough approximations in interval-valued information systems under attribute generalization. <i>Information Sciences</i> , <b>2016</b> , 373, 461-475	7.7	41
221	Multi-source information fusion based on rough set theory: A review. <i>Information Fusion</i> , <b>2021</b> , 68, 85-117.7	7.7	41
220	An incremental approach for attribute reduction based on knowledge granularity. <i>Knowledge-Based Systems</i> , <b>2016</b> , 104, 24-38	7.3	39
219	Dynamic variable precision rough set approach for probabilistic set-valued information systems. <i>Knowledge-Based Systems</i> , <b>2017</b> , 122, 131-147	7.3	37
218	Robust graph regularized nonnegative matrix factorization for clustering. <i>Data Mining and Knowledge Discovery</i> , <b>2018</b> , 32, 483-503	5.6	37
217	Efficient parallel boolean matrix based algorithms for computing composite rough set approximations. <i>Information Sciences</i> , <b>2016</b> , 329, 287-302	7.7	35
216	Consensus clustering based on constrained self-organizing map and improved Cop-Kmeans ensemble in intelligent decision support systems. <i>Knowledge-Based Systems</i> , <b>2012</b> , 32, 101-115	7.3	35
215	Dynamic probabilistic rough sets with incomplete data. <i>Information Sciences</i> , <b>2017</b> , 417, 39-54	7.7	34
214	Spectral co-clustering ensemble. <i>Knowledge-Based Systems</i> , <b>2015</b> , 84, 46-55	7.3	34
213	An incremental attribute reduction method for dynamic data mining. <i>Information Sciences</i> , <b>2018</b> , 465, 202-218	7.7	34
212	Three-way decisions: beyond rough sets and granular computing. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2020</b> , 11, 989-1002	3.8	33
211	Traffic flow forecasting based on hybrid deep learning framework <b>2017</b> ,		31

210	Efficient updating rough approximations with multi-dimensional variation of ordered data. <i>Information Sciences</i> , <b>2016</b> , 372, 690-708	7.7	31
209	Semi-supervised hierarchical clustering ensemble and its application. <i>Neurocomputing</i> , <b>2016</b> , 173, 1362-1376	7.7	30
208	Incremental fuzzy cluster ensemble learning based on rough set theory. <i>Knowledge-Based Systems</i> , <b>2017</b> , 132, 144-155	7.3	30
207	Contrast in Haze Removal: Configurable Contrast Enhancement Model Based on Dark Channel Prior. <i>IEEE Transactions on Image Processing</i> , <b>2018</b> ,	8.7	30
206	Multi-view Clustering via Concept Factorization with Local Manifold Regularization <b>2016</b> ,		30
205	Incremental fuzzy probabilistic rough sets over two universes. <i>International Journal of Approximate Reasoning</i> , <b>2017</b> , 81, 28-48	3.6	29
204	Urban sensing based on human mobility <b>2016</b> ,		29
203	Energy efficiency of VM consolidation in IaaS clouds. <i>Journal of Supercomputing</i> , <b>2017</b> , 73, 782-809	2.5	28
202	Dynamic Fusion of Multisource Interval-Valued Data by Fuzzy Granulation. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 3403-3417	8.3	28
201	Adaptive Extended Pipelined Second-Order Volterra Filter for Nonlinear Active Noise Controller. <i>IEEE Transactions on Audio Speech and Language Processing</i> , <b>2012</b> , 20, 1394-1399		28
200	Adaptive RSOV filter using the FELMS algorithm for nonlinear active noise control systems. <i>Mechanical Systems and Signal Processing</i> , <b>2013</b> , 34, 378-392	7.8	26
199	Dynamic dominance rough set approach for processing composite ordered data. <i>Knowledge-Based Systems</i> , <b>2020</b> , 187, 104829	7.3	26
198	. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , <b>2019</b> , 27, 1201-1212	3.6	25
197	Efficient updating of probabilistic approximations with incremental objects. <i>Knowledge-Based Systems</i> , <b>2016</b> , 109, 71-83	7.3	25
196	Using Sorted Switching Median Filter to remove high-density impulse noises. <i>Journal of Visual Communication and Image Representation</i> , <b>2013</b> , 24, 956-967	2.7	23
195	An evidential analysis of Altman Z-score for financial predictions: Case study on solar energy companies. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 52, 748-759	7.5	23
194	CMC: A consensus multi-view clustering model for predicting Alzheimer's disease progression. <i>Computer Methods and Programs in Biomedicine</i> , <b>2021</b> , 199, 105895	6.9	23
193	Constraint neighborhood projections for semi-supervised clustering. <i>IEEE Transactions on Cybernetics</i> , <b>2014</b> , 44, 636-43	10.2	22

192	Domain-wise approaches for updating approximations with multi-dimensional variation of ordered information systems. <i>Information Sciences</i> , <b>2019</b> , 478, 100-124	7.7	22
191	Parallel computing of approximations in dominance-based rough sets approach. <i>Knowledge-Based Systems</i> , <b>2015</b> , 87, 102-111	7.3	21
190	A multilevel neighborhood sequential decision approach of three-way granular computing. <i>Information Sciences</i> , <b>2020</b> , 538, 119-141	7.7	21
189	Convolutional networks with cross-layer neurons for image recognition. <i>Information Sciences</i> , <b>2018</b> , 433-434, 241-254	7.7	20
188	Pipelined functional link artificial recurrent neural network with the decision feedback structure for nonlinear channel equalization. <i>Information Sciences</i> , <b>2011</b> , 181, 3677-3692	7.7	20
187	Linear discriminant analysis guided by unsupervised ensemble learning. <i>Information Sciences</i> , <b>2019</b> , 480, 211-221	7.7	20
186	An improved MOEA/D algorithm for multi-objective multicast routing with network coding. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 59, 88-103	7.5	19
185	A low cost fragile watermarking scheme in H.264/AVC compressed domain. <i>Multimedia Tools and Applications</i> , <b>2014</b> , 72, 2469-2495	2.5	19
184	Fat node leading tree for data stream clustering with density peaks. <i>Knowledge-Based Systems</i> , <b>2017</b> , 120, 99-117	7.3	18
183	Learning features from High Speed Train vibration signals with Deep Belief Networks <b>2014</b> ,		18
182	Hyper-ellipsoidal clustering technique for evolving data stream. <i>Knowledge-Based Systems</i> , <b>2014</b> , 70, 3-14	7.3	18
181	Three-Way Decisions in Dynamic Decision-Theoretic Rough Sets. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 291-301	0.9	18
180	Nonlinear adaptive filter-based simplified bilinear model for multichannel active control of nonlinear noise processes. <i>Applied Acoustics</i> , <b>2013</b> , 74, 1414-1421	3.1	17
179	Time Series Forecasting Using Sequence-to-Sequence Deep Learning Framework <b>2018</b> ,		17
178	An Iterative Locally Auto-Weighted Least Squares Method for Microarray Missing Value Estimation. <i>IEEE Transactions on Nanobioscience</i> , <b>2017</b> , 16, 21-33	3.4	16
177	A hybrid system of neural networks and rough sets for road safety performance indicators. <i>Soft Computing</i> , <b>2010</b> , 14, 1255-1263	3.5	16
176	Attribute reduction methods in fuzzy rough set theory: An overview, comparative experiments, and new directions. <i>Applied Soft Computing Journal</i> , <b>2021</b> , 107, 107353	7.5	16
175	Update of approximations in composite information systems. <i>Knowledge-Based Systems</i> , <b>2015</b> , 83, 138-148	7.3	15



174	A Combined-Learning Based Framework for Improved Software Fault Prediction. <i>International Journal of Computational Intelligence Systems</i> , <b>2017</b> , 10, 647	3.4	15
173	A factor graph model for unsupervised feature selection. <i>Information Sciences</i> , <b>2019</b> , 480, 144-159	7.7	15
172	Restricted Boltzmann Machines With Gaussian Visible Units Guided by Pairwise Constraints. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 4321-4334	10.2	15
171	Constraint Co-Projections for Semi-Supervised Co-Clustering. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 3047-3058	10.2	14
170	M2M: A simple Matlab-to-MapReduce translator for cloud computing. <i>Tsinghua Science and Technology</i> , <b>2013</b> , 18, 1-9	3.4	14
169	Multiple-Category Classification with Decision-Theoretic Rough Sets. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 703-710	0.9	14
168	Local-Density-Based Optimal Granulation and Manifold Information Granule Description. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 2795-2808	10.2	14
167	A Novel Role-based Access Control Model in Cloud Environments. <i>International Journal of Computational Intelligence Systems</i> , <b>2016</b> , 9, 1-9	3.4	13
166	Bayesian image segmentation fusion. <i>Knowledge-Based Systems</i> , <b>2014</b> , 71, 162-168	7.3	13
165	A new blockmodeling based hierarchical clustering algorithm for web social networks. <i>Engineering Applications of Artificial Intelligence</i> , <b>2012</b> , 25, 640-647	7.2	13
164	An approach for inducing interesting incremental knowledge based on the change of attribute values <b>2009</b> ,		13
163	Incremental fuzzy probability decision-theoretic approaches to dynamic three-way approximations. <i>Information Sciences</i> , <b>2021</b> , 550, 71-90	7.7	13
162	A Group Incremental Reduction Algorithm with Varying Data Values. <i>International Journal of Intelligent Systems</i> , <b>2017</b> , 32, 900-925	8.4	12
161	Ensembles based combined learning for improved software fault prediction: A comparative study <b>2017</b> ,		12
160	Semi-supervised evolutionary ensembles for Web video categorization. <i>Knowledge-Based Systems</i> , <b>2015</b> , 76, 53-66	7.3	12
159	Fault analysis of High Speed Train with DBN hierarchical ensemble <b>2016</b> ,		11
158	An Improved Cop-Kmeans Clustering for Solving Constraint Violation Based on MapReduce Framework. <i>Fundamenta Informaticae</i> , <b>2013</b> , 126, 301-318	1	11
157	PICKT: A Solution for Big Data Analysis. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 15-25	0.9	11



156	A New Discriminant Analysis Approach under Decision-Theoretic Rough Sets. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 476-485	0.9	11
155	Fuzzy information entropy-based adaptive approach for hybrid feature outlier detection. <i>Fuzzy Sets and Systems</i> , <b>2021</b> , 421, 1-28	3.7	11
154	A novel hybrid feature selection method considering feature interaction in neighborhood rough set. <i>Knowledge-Based Systems</i> , <b>2021</b> , 227, 107167	7.3	11
153	Unsupervised attribute reduction for mixed data based on fuzzy rough sets. <i>Information Sciences</i> , <b>2021</b> , 572, 67-87	7.7	11
152	Enhancing software defect prediction using supervised-learning based framework <b>2017</b> ,		10
151	Nonnegative matrix factorization for clustering ensemble based on dark knowledge. <i>Knowledge-Based Systems</i> , <b>2019</b> , 163, 624-631	7.3	10
150	Self-paced and soft-weighted nonnegative matrix factorization for data representation. <i>Knowledge-Based Systems</i> , <b>2019</b> , 164, 29-37	7.3	10
149	Neighborhood rough sets with distance metric learning for feature selection. <i>Knowledge-Based Systems</i> , <b>2021</b> , 224, 107076	7.3	10
148	. <i>IEEE Transactions on Cloud Computing</i> , <b>2018</b> , 6, 857-867	3.3	9
147	A novel real-time scheduling algorithm and performance analysis of a MapReduce-based cloud. <i>Journal of Supercomputing</i> , <b>2014</b> , 69, 739-765	2.5	9
146	Constraint projections for semi-supervised affinity propagation. <i>Knowledge-Based Systems</i> , <b>2012</b> , 36, 315-321	7.3	9
145	Dynamic Maintenance of Decision Rules with Rough Set Under Characteristic Relation <b>2007</b> ,		9
144	Application of Empirical Mode Decomposition and Fuzzy Entropy to High-Speed Rail Fault Diagnosis. <i>Advances in Intelligent Systems and Computing</i> , <b>2014</b> , 93-103	0.4	9
143	Methods and Practices of Three-Way Decisions for Complex Problem Solving. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 255-265	0.9	8
142	Generative Adversarial Networks for Road Crack Image Segmentation <b>2019</b> ,		8
141	PLAR: Parallel Large-Scale Attribute Reduction on Cloud Systems <b>2013</b> ,		8
140	An Incremental Learning Approach for Updating Approximations in Rough Set Model over Dual Universes. <i>International Journal of Intelligent Systems</i> , <b>2015</b> , 30, 923-947	8.4	8
139	Nonlinear Adaptive Equalizer Using a Pipelined Decision Feedback Recurrent Neural Network in Communication Systems. <i>IEEE Transactions on Communications</i> , <b>2010</b> , 58, 2193-2198	6.9	8

138	Multi-view data clustering via non-negative matrix factorization with manifold regularization. <i>International Journal of Machine Learning and Cybernetics</i> ,1	3.8	8
137	A Novel Connectivity-Based LEACH-MEEC Routing Protocol for Mobile Wireless Sensor Network. <i>Sensors</i> , <b>2018</b> , 18,	3.8	8
136	Reconstruction of Hidden Representation for Robust Feature Extraction. <i>ACM Transactions on Intelligent Systems and Technology</i> , <b>2019</b> , 10, 1-24	8	7
135	A novel community detection method based on whale optimization algorithm with evolutionary population. <i>Applied Intelligence</i> , <b>2020</b> , 50, 2503-2522	4.9	7
134	A New Weighting Approach Based on Rough Set Theory and Granular Computing for Road Safety Indicator Analysis. <i>Computational Intelligence</i> , <b>2016</b> , 32, 517-534	2.5	7
133	TA-STAN: A Deep Spatial-Temporal Attention Learning Framework for Regional Traffic Accident Risk Prediction <b>2019</b> ,		7
132	Incremental Maintenance of Rough Fuzzy Set Approximations under the Variation of Object Set. <i>Fundamenta Informaticae</i> , <b>2014</b> , 132, 401-422	1	7
131	A novel joint-processing adaptive nonlinear equalizer using a modular recurrent neural network for chaotic communication systems. <i>Neural Networks</i> , <b>2011</b> , 24, 12-8	9.1	7
130	Dynamic interaction feature selection based on fuzzy rough set. <i>Information Sciences</i> , <b>2021</b> , 581, 891-911	7.7	7
129	A stable community detection approach for complex network based on density peak clustering and label propagation. <i>Applied Intelligence</i> ,1	4.9	7
128	Hybrid Missing Value Imputation Algorithms Using Fuzzy C-Means and Vaguely Quantified Rough Set. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	7
127	Incremental Feature Selection Using a Conditional Entropy Based on Fuzzy Dominance Neighborhood Rough Sets. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	7
126	MUS: a novel deadline-constrained scheduling algorithm for Hadoop. <i>International Journal of Computational Science and Engineering</i> , <b>2015</b> , 11, 360	0.4	6
125	A special issue on new trends in Intelligent Decision Support Systems. <i>Knowledge-Based Systems</i> , <b>2012</b> , 32, 1-2	7.3	6
124	Identification of nonlinear dynamic systems using convex combinations of multiple adaptive radius basis function networks. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2013</b> , 46, 628-638	4.6	6
123	Research on the approach of dynamically maintenance of approximations in rough set theory while attribute values coarsening and refining <b>2009</b> ,		6
122	AN IMPROVED COP-KMEANS ALGORITHM FOR SOLVING CONSTRAINT VIOLATION <b>2010</b> ,		6
121	AN PROBABILISTIC ROUGH SET APPROACH FOR INCREMENTAL LEARNING KNOWLEDGE ON THE CHANGE OF ATTRIBUTES <b>2010</b> ,		6

120	Dynamic Maintenance of Three-Way Decision Rules. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 801-811	0.9	6
119	SMOTEFRIS-INFFC: Handling the challenge of borderline and noisy examples in imbalanced learning for software defect prediction. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2020</b> , 38, 917-933	1.6	5
118	Particle Subswarms Collaborative Clustering. <i>IEEE Transactions on Computational Social Systems</i> , <b>2019</b> , 6, 1165-1179	4.5	5
117	Scheduling real-time workflow on MapReduce-based cloud <b>2013</b> ,		5
116	A Probabilistic Measure for Quantitative Evaluation of Image Segmentation. <i>IEEE Signal Processing Letters</i> , <b>2013</b> , 20, 689-692	3.2	5
115	WebRank: A Hybrid Page Scoring Approach Based on Social Network Analysis. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 475-482	0.9	5
114	A New Decision Tree Construction Using the Cloud Transform and Rough Sets <b>2008</b> , 524-531		5
113	Incremental Three-Way Decisions with Incomplete Information. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 128-135	0.9	5
112	Multi-view clustering via deep concept factorization. <i>Knowledge-Based Systems</i> , <b>2021</b> , 217, 106807	7.3	5
111	Pavement Crack Detection Based on the Improved Faster-RCNN <b>2019</b> ,		5
110	Uncertainty and Equivalence Relation Analysis for Hesitant Fuzzy Rough Sets and Their Applications in Classification. <i>Computing in Science and Engineering</i> , <b>2019</b> , 21, 26-39	1.5	5
109	An Advanced k Nearest Neighbor Classification Algorithm Based on KD-tree <b>2018</b> ,		5
108	Explore Uncertainty in Residual Networks for Crowds Flow Prediction <b>2018</b> ,		5
107	Multi-view low rank sparse representation method for three-way clustering. <i>International Journal of Machine Learning and Cybernetics</i> , 1	3.8	5
106	Social web video clustering based on multi-view clustering via nonnegative matrix factorization. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2019</b> , 10, 2779-2790	3.8	4
105	Preface: Intelligent Techniques for Data Science. <i>International Journal of Intelligent Systems</i> , <b>2015</b> , 30, 851-853	8.4	4
104	Approaches for incrementally updating approximations based on set-valued information systems while attribute values' coarsening and refining <b>2009</b> ,		4
103	An incremental updating principle for computing approximations in information systems while the object set varies with time <b>2009</b> ,		4

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101	Construction of Decision Trees based Entropy and Rough Sets under Tolerance Relation <b>2007</b> ,		4
100	Interactive and Complementary Feature Selection via Fuzzy Multigranularity Uncertainty Measures. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	4
99	A Parallel Implementation of Computing Composite Rough Set Approximations on GPUs. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 240-250	0.9	4
98	Multi-view document clustering based on geometrical similarity measurement. <i>International Journal of Machine Learning and Cybernetics</i> ,1	3.8	4
97	Feature selection for dynamic interval-valued ordered data based on fuzzy dominance neighborhood rough set. <i>Knowledge-Based Systems</i> , <b>2021</b> , 227, 107223	7.3	4
96	An overview of air quality analysis by big data techniques: Monitoring, forecasting, and traceability. <i>Information Fusion</i> , <b>2021</b> , 75, 28-40	16.7	4
95	Outlier Detection Based on Fuzzy Rough Granules in Mixed Attribute Data. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	4
94	Region-based image segmentation evaluation via perceptual pooling strategies. <i>Machine Vision and Applications</i> , <b>2018</b> , 29, 477-488	2.8	3
93	Diverse activation functions in deep learning <b>2017</b> ,		3
92	Rule-based fuzzy classifier based on quantum ant optimization algorithm. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2015</b> , 29, 2365-2371	1.6	3
91	A New Hypernetwork Model Based on Matrix Operation <b>2015</b> ,		3
90	Deep Belief Networks Oriented Clustering <b>2015</b> ,		3
89	A Method for Incremental Updating Approximations Based on Variable Precision Set-Valued Ordered Information Systems <b>2010</b> ,		3
88	An approach for incremental updating approximations in Variable precision rough sets while attribute generalized <b>2010</b> ,		3
87	Expression Detection Based on a Novel Emotion Recognition Method. <i>International Journal of Computational Intelligence Systems</i> , <b>2011</b> , 4, 44-53	3.4	3
86	APPROACHES TO INCREMENTAL LEARNING KNOWLEDGE BASED ON THE CHANGES OF ATTRIBUTES' VALUES <b>2009</b> ,		3
85	A trajectory feature extraction approach based on spatial coding technique. <i>Scientia Sinica Informationis</i> , <b>2017</b> , 47, 1523-1537	2.3	3

84	A data-level fusion model for unsupervised attribute selection in multi-source homogeneous data. <i>Information Fusion</i> , <b>2022</b> , 80, 87-103	16.7	3
83	A Three-Stage Based Ensemble Learning for Improved Software Fault Prediction: An Empirical Comparative Study. <i>International Journal of Computational Intelligence Systems</i> , <b>2018</b> , 11, 1229	3.4	3
82	Hybrid two-stream dynamic CNN for view adaptive human action recognition using ensemble learning. <i>International Journal of Machine Learning and Cybernetics</i> , 1	3.8	3
81	Unsupervised Feature Learning Architecture with Multi-clustering Integration RBM. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2020</b> , 1-1	4.2	3
80	Semi-supervised feature selection with minimal redundancy based on local adaptive. <i>Applied Intelligence</i> , <b>2021</b> , 51, 8542	4.9	3
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78	A noise-aware fuzzy rough set approach for feature selection. <i>Knowledge-Based Systems</i> , <b>2022</b> , 109092	7.3	3
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68	AN INCREMENTAL UPDATING METHOD FOR APPROXIMATIONS IN INCOMPLETE ORDERED DECISION SYSTEM <b>2010</b> ,		2
67	Multigranulation Relative Entropy-Based Mixed Attribute Outlier Detection in Neighborhood Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-13	7.3	2

66	A Parallel Matrix-Based Approach for Computing Approximations in Dominance-Based Rough Sets Approach. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 173-183	0.9	2
65	Dominance-Based Neighborhood Rough Sets and Its Attribute Reduction. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 89-99	0.9	2
64	VPRS-Based Knowledge Discovery Approach in Incomplete Information System. <i>Journal of Computers</i> , <b>2010</b> , 5,	1.4	2
63	Distributional discrepancy: A metric for unconditional text generation. <i>Knowledge-Based Systems</i> , <b>2021</b> , 217, 106850	7.3	2
62	Predicting Fine-Grained Air Quality Based on Deep Neural Networks. <i>IEEE Transactions on Big Data</i> , <b>2021</b> , 1-1	3.2	2
61	Tri-regularized nonnegative matrix tri-factorization for co-clustering. <i>Knowledge-Based Systems</i> , <b>2021</b> , 226, 107101	7.3	2
60	Self-supervised representation learning for trip recommendation. <i>Knowledge-Based Systems</i> , <b>2022</b> , 108793	7.3	2
59	A Fuzzy Rough Set Approach for Incrementally Updating Approximations in Hybrid Information Systems. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 157-168	0.9	1
58	Visual tracking with multiple Hough detectors. <i>Image and Vision Computing</i> , <b>2017</b> , 66, 15-25	3.7	1
57	Dynamic Updating Rough Approximations in Distributed Information Systems <b>2015</b> ,		1
56	A Learning-Based Framework for Image Segmentation Evaluation <b>2013</b> ,		1
55	A Distributed TDMA-Based Data Gathering Scheme for Wireless Sensor Networks. <i>IEICE Transactions on Information and Systems</i> , <b>2013</b> , E96.D, 2135-2138	0.6	1
54	Approximation Operators, Binary Relation and Basis Algebra in L-fuzzy Rough Sets. <i>Fundamenta Informaticae</i> , <b>2011</b> , 111, 47-63	1	1
53	SimRank: A Page Rank approach based on similarity measure <b>2010</b> ,		1
52	A Method for Incremental Updating Approximations when Objects and Attributes Vary with Time <b>2010</b> ,		1
51	<b>2008</b> ,		1
50	FedDSR: Daily Schedule Recommendation in a Federated Deep Reinforcement Learning Framework		1
49	Matrix representation of the conditional entropy for incremental feature selection on multi-source data. <i>Information Sciences</i> , <b>2022</b> , 591, 263-286	7.7	1

48	Mixed data-driven sequential three-way decision via subjective-objective dynamic fusion. <i>Knowledge-Based Systems</i> , <b>2021</b> , 237, 107728	7.3	1
47	A Novel Feature Selection Method Based on Maximum Likelihood Logistic Regression for Imbalanced Learning in Software Defect Prediction. <i>International Arab Journal of Information Technology</i> , <b>2020</b> , 17, 721-730	0.6	1
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45	Social Web Videos Clustering Based on Ensemble Technique. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 449-458	0.9	1
44	A Novel Graph Cut Algorithm for Weak Boundary Object Segmentation. <i>Advances in Intelligent Systems and Computing</i> , <b>2014</b> , 263-271	0.4	1
43	Modification of the BWM and MABAC method for MAGDM based on q-rung orthopair fuzzy rough numbers. <i>International Journal of Machine Learning and Cybernetics</i> , <b>2021</b> , 12, 2693-2715	3.8	1
42	Hierarchical Region Merging for Multi-scale Image Segmentation <b>2019</b> ,		1
41	Real-Time Ambulance Redeployment: A Data-Driven Approach. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2020</b> , 32, 2213-2226	4.2	1
40	Spark Rough Hypercuboid Approach for Scalable Feature Selection. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2021</b> , 1-1	4.2	1
39	A Novel Unsupervised Approach to Heterogeneous Feature Selection Based on Fuzzy Mutual Information. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	1
38	A Robust Breast ultrasound segmentation method under noisy annotations. <i>Computer Methods and Programs in Biomedicine</i> , <b>2021</b> , 209, 106327	6.9	1
37	Adaptive graph-based generalized regression model for unsupervised feature selection. <i>Knowledge-Based Systems</i> , <b>2021</b> , 227, 107156	7.3	1
36	Hybrid genetic model for clustering ensemble. <i>Knowledge-Based Systems</i> , <b>2021</b> , 231, 107457	7.3	1
35	R2CI: Information theoretic-guided feature selection with multiple correlations. <i>Pattern Recognition</i> , <b>2022</b> , 127, 108603	7.7	1
34	Exploring interactive attribute reduction via fuzzy complementary entropy for unlabeled mixed data. <i>Pattern Recognition</i> , <b>2022</b> , 127, 108651	7.7	1
33	An Integration of Cloud Transform and Rough Set Theory to Induction of Decision Trees. <i>Fundamenta Informaticae</i> , <b>2009</b> , 94, 261-273	1	0
32	Multi-label feature selection based on manifold regularization and imbalance ratio. <i>Applied Intelligence</i> , <b>1</b>	4.9	0
31	Biased unconstrained non-negative matrix factorization for clustering. <i>Knowledge-Based Systems</i> , <b>2022</b> , 239, 108040	7.3	0



30	A review on deep neural networks for ICD coding. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2022</b> , 1-1	4.2	○
29	Feature selection via minimizing global redundancy for imbalanced data. <i>Applied Intelligence</i> ,1	4.9	○
28	Multi-local Collaborative AutoEncoder. <i>Knowledge-Based Systems</i> , <b>2022</b> , 239, 107844	7.3	○
27	A Data Fusion-Based Framework for Image Segmentation Evaluation. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 534-545	0.9	○
26	Integrating Rough Sets with Neural Networks for Weighting Road Safety Performance Indicators. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 60-67	0.9	○
25	Neighborhood Rough Sets Based Matrix Approach for Calculation of the Approximations. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 166-171	0.9	○
24	Seasonal decomposition and combination model for short-term forecasting of subway ridership. <i>International Journal of Machine Learning and Cybernetics</i> ,1	3.8	○
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22	Fuzzy complementary entropy using hybrid-kernel function and its unsupervised attribute reduction. <i>Knowledge-Based Systems</i> , <b>2021</b> , 231, 107398	7.3	○
21	Gas-Theft Suspect Detection among Boiler Room Users: A Data-Driven Approach. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2021</b> , 1-1	4.2	○
20	A Generalized Deep Learning Algorithm based on NMF for Multi-view Clustering. <i>IEEE Transactions on Big Data</i> , <b>2022</b> , 1-1	3.2	○
19	Cross-domain knowledge graph chiasmal embedding for multi-domain item-item recommendation. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2022</b> , 1-1	4.2	○
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17	Deep linear graph attention model for attributed graph clustering. <i>Knowledge-Based Systems</i> , <b>2022</b> , 108665	6.5	○
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| 11 | Computational Intelligence in Knowledge Engineering. <i>International Journal of Computational Intelligence Systems</i> , <b>2008</b> , 1, 202-204  | 3.4 |
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