Tutut Herawan

List of Publications by Year
in descending order

289 papers	4,437 citations	168829 31 h-index	162838 57 g-index
325 all docs	325 docs citations	325 times ranked	4005 citing authors

#	Article	IF	Citations
1	K-Means Algorithm with Rapidminer in Clustering School Participation Rate in Indonesia. Lecture Notes in Electrical Engineering, 2022, , 779-794.	0.3	1
2	Decision Support System on Determination of Contraception Tools as an Effort to Suppress the Number of Growth Ratios in Indonesia. Lecture Notes in Electrical Engineering, 2022, , 771-778.	0.3	4
3	Structural and Reflection Loss Properties of Fe^{3+} Substituted Lanthanum Manganite as Microwave Absorbing Material in X-Ku Band. Lecture Notes in Mechanical Engineering, 2021, , 949-959.	0.3	0
4	Revitalization of dadong dauh balinese children's illustrated song into 2-dimensional animation as an educational tourism strategy. Journal of Physics: Conference Series, 2021, 1810, 012020.	0.3	1
5	Modelling and State Variable Feedback Control with Proportional Action of a One-Link Flexible Manipulator Incorporating Payload. , 2021, 26, 9-17.		2
6	Manik angkeran storytelling based on android mobile tap gameplay. Journal of Physics: Conference Series, 2021, 1810, 012034.	0.3	0
7	Analyzing Tantalum Carbide (TaC) and Hafnium Carbide (HfC) for Spacecraft Material. Lecture Notes in Mechanical Engineering, 2021, , 925-933.	0.3	3
8	Visual Perception System of EROS Humanoid Robot Soccer. International Journal of Intelligent Information Technologies, 2020, 16, 68-86.	0.5	4
9	M-WebQuest Development: Reading Comprehension of Senior High School Students in Indonesia. International Journal of Emerging Technologies in Learning, 2020, 15, 74.	0.8	4
10	Effect of methylisothiazolinone biocide in tissue culture sterilization of Casuarina equisetifolia. IOP Conference Series: Earth and Environmental Science, 2020, 522, 012008.	0.2	1
11	Seed Source Potential and In Situ Conservation of Kulim (Scorodocarpus borneensis Becc) In PT. Arara Abadi, Riau, Sumatera. IOP Conference Series: Earth and Environmental Science, 2020, 522, 012007.	0.2	0
12	Geotourism Concept Development in the Basis of Environment Sustainability, Socioculture, and Natural Science Wealth. A Case Study in Indonesia. Journal of Environmental Management and Tourism, 2020, 11, 429.	0.3	2
13	THE NATURAL RESOURCES POTENCY OF MARINE ECOTOURISM AS AN ENVIRONMENTAL EDUCATION SOURCE. Geojournal of Tourism and Geosites, 2020, 31, 996-1003.	0.4	1
14	Strict Liability Principle Application in the Management of Straits Marine Pollution for International Navigation according to the Indonesia Sea Convention Law. Journal of Environmental Management and Tourism, 2020, 11, 1601.	0.3	1
15	Multi-dimensional K-Means Algorithm for Student Clustering. Lecture Notes in Electrical Engineering, 2019, , 119-128.	0.3	1
16	Managing MyGRANTS Fragmented Database Using Binary Vote Assignment Grid Quorum with Association Rule (BVAGQ-AR) Replication Model. Lecture Notes in Electrical Engineering, 2019, , 41-50.	0.3	0
17	A Review on Sequential Pattern Mining Algorithms Based on Apriori and Patterns Growth. Lecture Notes in Electrical Engineering, 2019, , 111-118.	0.3	2
18	A New Framework for Metaheuristic Search Based on Animal Foraging. Lecture Notes in Electrical Engineering, 2019, , 173-181.	0.3	0

#	Article	IF	Citations
19	Object-Based Simulators for Large Scale Distributed Virtual Environment. Lecture Notes in Electrical Engineering, 2019, , 11-19.	0.3	2
20	DGMS: Dataset Generator Based on Malay Stemmer Algorithm. Lecture Notes in Electrical Engineering, 2019, , 51-60.	0.3	0
21	A review of the generic end-user adoption of e-government services. International Review of Administrative Sciences, 2019, 85, 799-818.	1.9	12
22	Integrating ICT in English for Academic Purposes Materials through Task-Based Approach. International Journal of Emerging Technologies in Learning, 2019, 14, 29.	0.8	3
23	Progress on Artificial Neural Networks for Big Data Analytics: A Survey. IEEE Access, 2019, 7, 70535-70551.	2.6	27
24	A Soft Set Approach for Handling Conflict Situation on Movie Selection. IEEE Access, 2019, 7, 116179-116194.	2.6	9
25	Community-Based Teacher Training: Transformation of Sustainable Teacher Empowerment Strategy in Indonesia. Journal of Teacher Education for Sustainability, 2019, 21, 48-66.	0.3	13
26	Optimize Performance Load Balancing Techniques Using Binary Vote Assignment Grid Quorum (BVAGQ): A Systematic Review. Lecture Notes in Electrical Engineering, 2019, , 31-39.	0.3	0
27	2M-SELAR: A Model for Mining Sequential Least Association Rules. Lecture Notes in Electrical Engineering, 2019, , 91-99.	0.3	2
28	Fault Tolerance Impact on Near Field Communication for Data Storage of Mobile Commerce Technology in Cloud Computing. Lecture Notes in Electrical Engineering, 2019, , 489-497.	0.3	0
29	A New Approach to Secure and Manage Load Balancing of the Distributed Database Using SQL Firewall. Lecture Notes in Electrical Engineering, 2019, , 3-10.	0.3	0
30	A Framework for Non-contact ECG Signal Detection Device on Smart Chair and Its Implementation. Lecture Notes in Electrical Engineering, 2019, , 639-646.	0.3	0
31	THE IMPACT OF SITE ATTRACTION AND SERVICE QUALITY ON LOYALTY THROUGH SATISFACTION: A CASE STUDY IN GUNUNG SEWU UNESCO GLOBAL GEOPARK, INDONESIA. Geojournal of Tourism and Geosites, 2019, 25, 509-523.	0.4	1
32	An Evaluation of Virtual Organizational Structure on Employee Performance of Selected Telecommunication Companies in Kaduna State, Nigeria. Advances in Intelligent Systems and Computing, 2018, , 696-707.	0.5	0
33	An Impact of Transformational Leadership on Employees' Performance: A Case Study in Nigeria. Advances in Intelligent Systems and Computing, 2018, , 708-719.	0.5	1
34	Towards a Privacy Mechanism for Preventing Malicious Collusion of Multiple Service Providers (SPs) on the Cloud. Advances in Intelligent Systems and Computing, 2018, , 730-739.	0.5	3
35	Model-Based Testing for Network Security Protocol for E-Banking Application. Advances in Intelligent Systems and Computing, 2018, , 740-751.	0.5	1
36	Future Private Cloud Architecture for Universities. Advances in Intelligent Systems and Computing, 2018, , 720-729.	0.5	0

#	Article	IF	Citations
37	A Framework for Authentication of Digital Quran. Advances in Intelligent Systems and Computing, 2018, , 752-764.	0.5	10
38	Modelling and Experimental Analysis Two-Wheeled Self Balance Robot Using PID Controller. Lecture Notes in Computer Science, 2018, , 683-698.	1.0	10
39	PID Based Design and Development of a Mobile Robot Using Microcontroller. Lecture Notes in Computer Science, 2018, , 699-716.	1.0	1
40	Implementation of Indonesia National Qualification Framework to Improve Higher Education Students: Technology Acceptance Model Approach. Lecture Notes in Computer Science, 2018, , 293-304.	1.0	4
41	A Citation-Based Recommender System for Scholarly Paper Recommendation. Lecture Notes in Computer Science, 2018, , 514-525.	1.0	6
42	Accounting Information System (AIS) Alignment and Non-financial Performance in Small Firm: A Contingency Perspective. Lecture Notes in Computer Science, 2018, , 382-394.	1.0	5
43	A novel association rule mining approach using TID intermediate itemset. PLoS ONE, 2018, 13, e0179703.	1.1	9
44	Assessing Teacher Competence and Its Follow-up to Support Professional Development Sustainability. Journal of Teacher Education for Sustainability, 2018, 20, 106-123.	0.3	18
45	A Common Measurement Method for Throughput Experiment of IEEE 802.11ac and IEEE 802.11n Wi-Fi under Variable Condition. International Journal of Grid and Distributed Computing, 2018, 11, 93-112.	0.8	0
46	A Systematic Review on Educational Data Mining. IEEE Access, 2017, 5, 15991-16005.	2.6	320
47	Application of Wavelet De-noising Filters in Mammogram Images Classification Using Fuzzy Soft Set. Advances in Intelligent Systems and Computing, 2017, , 529-537.	0.5	3
48	Clustering Based on Classification Quality (CCQ). Advances in Intelligent Systems and Computing, 2017, , 327-335.	0.5	1
49	Reduce Scanning Time Incremental Algorithm (RSTIA) of Association Rules. Advances in Intelligent Systems and Computing, 2017, , 485-495.	0.5	0
50	FCA-ARMM: A Model for Mining Association Rules from Formal Concept Analysis. Advances in Intelligent Systems and Computing, 2017, , 213-223.	0.5	4
51	Advances in Teaching and Learning on Facebook in Higher Institutions. IEEE Access, 2017, 5, 480-500.	2.6	13
52	A Review on Mobile SMS Spam Filtering Techniques. IEEE Access, 2017, 5, 15650-15666.	2.6	66
53	An Alternative Approach to Normal Parameter Reduction Algorithm for Soft Set Theory. IEEE Access, 2017, 5, 4732-4746.	2.6	28
54	A Review on Soft Set-Based Parameter Reduction and Decision Making. IEEE Access, 2017, 5, 4671-4689.	2.6	34

#	Article	IF	Citations
55	Time Series Forecasting Using Ridge Polynomial Neural Network with Error Feedback. Advances in Intelligent Systems and Computing, 2017, , 189-200.	0.5	4
56	Histogram Thresholding for Automatic Color Segmentation Based on k-means Clustering. Advances in Intelligent Systems and Computing, 2017, , 344-354.	0.5	3
57	Concept of Entire Boolean Values Recalculation From Aggregates in the Preprocessed Category of Incomplete Soft Sets. IEEE Access, 2017, 5, 11444-11454.	2.6	7
58	Bio-inspired computation: Recent development on the modifications of the cuckoo search algorithm. Applied Soft Computing Journal, 2017, 61, 149-173.	4.1	58
59	A novel soft rough set: Soft rough hemirings and corresponding multicriteria group decision making. Applied Soft Computing Journal, 2017, 54, 393-402.	4.1	162
60	An integrated information system to support supply chain management & performance in SMEs. Journal of Industrial Engineering and Management, 2017, 10, 373.	1.0	10
61	An overview on the state-of-the-art comparison of the three-contextualization paradigms. , 2017, , .		2
62	Context-Aware Recommender System: A Review of Recent Developmental Process and Future Research Direction. Applied Sciences (Switzerland), 2017, 7, 1211.	1.3	91
63	Functional Link Neural Network with Modified Artificial Bee Colony for Data Classification. International Journal of Intelligent Information Technologies, 2017, 13, 1-14.	0.5	3
64	The Algorithm Expansion for Starting Point Determination Using Clustering Algorithm Method with Fuzzy C-Means. Advances in Intelligent Systems and Computing, 2017, , 506-516.	0.5	1
65	Mining Significant Association Rules from on Information and System Quality of Indonesian E-Government Dataset. Advances in Intelligent Systems and Computing, 2017, , 608-618.	0.5	8
66	An Application of Rough Set Theory for Clustering Performance Expectancy of Indonesian e-Government Dataset. Advances in Intelligent Systems and Computing, 2017, , 638-646.	0.5	8
67	Expert System of Quail Disease Diagnosis using Forward Chaining Method. Indonesian Journal of Electrical Engineering and Computer Science, 2017, 5, 206.	0.7	5
68	A Comprehensive Survey on Comparisons across Contextual Pre-filtering, Contextual Post-filtering and Contextual Modelling Approaches. Telkomnika (Telecommunication Computing Electronics and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf		4
69	A collaborative approach for research paper recommender system. PLoS ONE, 2017, 12, e0184516.	1.1	57
70	Soft computing approach for predicting OPEC countries' oil consumption. International Journal of Oil, Gas and Coal Technology, 2017, 15, 298.	0.1	1
71	An Adjustable Reduction Approach of Interval-valued Intuitionistic Fuzzy Soft Sets for Decision Making. Applied Mathematics and Information Sciences, 2017, 11, 999-1009.	0.7	2
72	Neural Networks Optimization through Genetic Algorithm Searches: A Review. Applied Mathematics and Information Sciences, 2017, 11, 1543-1564.	0.7	37

#	Article	IF	Citations
73	ELP-M2: An Efficient Model for Mining Least Patterns from Data Repository. Advances in Intelligent Systems and Computing, 2017, , 224-232.	0.5	1
74	A Feature Selection Algorithm for Anomaly Detection in Grid Environment Using k-fold Cross Validation Technique. Advances in Intelligent Systems and Computing, 2017, , 619-630.	0.5	1
75	Cluster Validation Analysis on Attribute Relative of Soft-Set Theory. Advances in Intelligent Systems and Computing, 2017, , 3-10.	0.5	1
76	Convertion of Dual Fuel Opportunities in Indonesia Waterways. Lecture Notes in Computer Science, 2017, , 610-619.	1.0	0
77	Storm Model Application at Indonesian Tropical Ocean. Lecture Notes in Computer Science, 2017, , 732-745.	1.0	1
78	Soft computing approach for predicting OPEC countries' oil consumption. International Journal of Oil, Gas and Coal Technology, 2017, 15, 298.	0.1	3
79	Internet and the New Media: Predator of Indonesian News Agency. International Journal of Security and Its Applications, 2017, 11, 69-86.	0.5	0
80	Dynamics of Watermark Position in Audio Watermarked Files using Neural Networks. Applied Mathematics and Information Sciences, 2017, 11, 703-715.	0.7	0
81	A Soft Set-based Co-occurrence for Clustering Web User Transactions. Telkomnika (Telecommunication Computing Electronics and Control), 2017, 15, 1344.	0.6	5
82	Elman Neural Network Trained by using Artificial Bee Colony for the Classification of Learning Style based on Students Preferences. Applied Mathematics and Information Sciences, 2017, 11, 1269-1278.	0.7	0
83	Managing Fragmented Database Using BVAGQ-AR Replication Model. Advanced Science Letters, 2017, 23, 11088-11091.	0.2	0
84	MINING DENSE DATA: ASSOCIATION RULE DISCOVERY ON BENCHMARK CASE STUDY. Jurnal Teknologi (Sciences and Engineering), 2016, 78, .	0.3	1
85	Application of Real-Valued Negative Selection Algorithm to Improve Medical Diagnosis. , 2016, , 231-243.		8
86	An Efficient Soft Set-Based Approach for Conflict Analysis. PLoS ONE, 2016, 11, e0148837.	1.1	14
87	A new approach for forecasting OPEC petroleum consumption based on neural network train by using flower pollination algorithm. Applied Soft Computing Journal, 2016, 48, 50-58.	4.1	52
88	Vertex re‐identification attack using neighbourhood‐pair properties. Concurrency Computation Practice and Experience, 2016, 28, 2906-2919.	1.4	4
89	Virtual Community Detection Through the Association between Prime Nodes in Online Social Networks and Its Application to Ranking Algorithms. IEEE Access, 2016, 4, 9614-9624.	2.6	30
90	A modified Fuzzy k-Partition based on indiscernibility relation for categorical data clustering. Engineering Applications of Artificial Intelligence, 2016, 53, 41-52.	4.3	20

#	Article	IF	Citations
91	Extracting Information in Agricultural Data Using Fuzzy-Rough Sets Hybridization and Clonal Selection Theory Inspired Algorithms. International Journal of Pattern Recognition and Artificial Intelligence, 2016, 30, 1660008.	0.7	8
92	Soft set based association rule mining. Knowledge-Based Systems, 2016, 111, 268-282.	4.0	119
93	An alternative data filling approach for prediction of missing data in soft sets (ADFIS). SpringerPlus, 2016, 5, 1348.	1.2	26
94	Structural, optical, and mechanical properties of cobalt copper oxide coatings synthesized from low concentrations of sol-gel process. Physica Status Solidi (A) Applications and Materials Science, 2016, 213, 3205-3213.	0.8	8
95	Incremental-Eclat Model: An Implementation via Benchmark Case Study. Lecture Notes in Electrical Engineering, 2016, , 35-46.	0.3	5
96	Studying the Effect of Training Levenberg Marquardt Neural Network by Using Hybrid Meta-Heuristic Algorithms. Journal of Computational and Theoretical Nanoscience, 2016, 13, 450-460.	0.4	8
97	A Modified Bat Algorithm Based on Gaussian Distribution for Solving Optimization Problem. Journal of Computational and Theoretical Nanoscience, 2016, 13, 706-714.	0.4	13
98	MuDi-Stream: A multi density clustering algorithm for evolving data stream. Journal of Network and Computer Applications, 2016, 59, 370-385.	5.8	58
99	A Review on Artificial Intelligence Methodologies for the Forecasting of Crude Oil Price. Intelligent Automation and Soft Computing, 2016, 22, 449-462.	1.6	26
100	Privacy Preserving Social Network Data Publication. IEEE Communications Surveys and Tutorials, 2016, 18, 1974-1997.	24.8	89
101	Iterative big data clustering algorithms: a review. Software - Practice and Experience, 2016, 46, 107-129.	2.5	45
102	An alternative data collection scheduling scheme in wireless sensor networks. Computing (Vienna/New York), 2016, 98, 1287-1304.	3.2	7
103	Swarm Based-Artificial Neural System for Human Health Data Classification. , 2016, , 287-309.		6
104	IncSPADE: An Incremental Sequential Pattern Mining Algorithm Based on SPADE Property. Lecture Notes in Electrical Engineering, 2016, , 81-92.	0.3	2
105	Mining Association Rules: A Case Study on Benchmark Dense Data. Indonesian Journal of Electrical Engineering and Computer Science, 2016, 3, 546.	0.7	8
106	Ringed Seal Search for Global Optimization via a Sensitive Search Model. PLoS ONE, 2016, 11, e0144371.	1.1	8
107	Ridge Polynomial Neural Network with Error Feedback for Time Series Forecasting. PLoS ONE, 2016, 11, e0167248.	1.1	22
108	Enterprise Architecture Characteristics in Context Enterprise Governance Base On COBIT 5 Framework. Indonesian Journal of Electrical Engineering and Computer Science, 2016, 3, 240.	0.7	1

#	Article	IF	Citations
109	A Soft Set Approach for Clustering Student Assessment Datasets. Journal of Computational and Theoretical Nanoscience, 2015, 12, 5928-5939.	0.4	7
110	Mining Interesting Least Association Rules in Manufacturing Industry: A Case Study in MODENAS. International Journal of Control and Automation, 2015, 8, 47-64.	0.3	1
111	Weight Optimization in Recurrent Neural Networks with Hybrid Metaheuristic Cuckoo Search Techniques for Data Classification. Mathematical Problems in Engineering, 2015, 2015, 1-12.	0.6	27
112	Discovering attributes dependency for categorical data set based on soft set theory for better decision making. Applied Mathematical Sciences, 2015, 9, 6477-6490.	0.0	0
113	Soft-Computing Methodologies for Precipitation Estimation: A Case Study. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 1353-1358.	2.3	24
114	Applying Dependency of Attributes for Business Data Mining in Information Systems: A Theoretical Framework. International Journal of Control and Automation, 2015, 8, 241-256.	0.3	2
115	Layered workflow scheduling algorithm. , 2015, , .		2
116	Vertical Association Rule Mining: Case study implementation with relational DBMS. , 2015, , .		2
117	Knowledge extraction of agricultural data using artificial immune system. , 2015, , .		3
118	Workflow scheduling on distributed systems. , 2015, , .		1
119	Orchestrating Real-Valued Negative Selection Algorithm with Computational Efficiency for Crude Oil Price. Lecture Notes in Computer Science, 2015, , 387-396.	1.0	0
120	Evolutionary Neural Network model for West Texas Intermediate crude oil price prediction. Applied Energy, 2015, 142, 266-273.	5.1	139
121	Mining critical least association rules from students suffering study anxiety datasets. Quality and Quantity, 2015, 49, 2527-2547.	2.0	2
122	Information security conscious care behaviour formation in organizations. Computers and Security, 2015, 53, 65-78.	4.0	206
123	A Data Fusion Method in Wireless Sensor Networks. Sensors, 2015, 15, 2964-2979.	2.1	100
124	Spread Spectrum Audio Watermarking Using Vector Space Projections. Advances in Intelligent Systems and Computing, 2015, , 297-307.	0.5	2
125	An Intelligent Modeling of Oil Consumption. Advances in Intelligent Systems and Computing, 2015, , 557-568.	0.5	3
126	Global Warming: Predicting OPEC Carbon Dioxide Emissions from Petroleum Consumption Using Neural Network and Hybrid Cuckoo Search Algorithm. PLoS ONE, 2015, 10, e0136140.	1.1	33

#	Article	IF	Citations
127	Roughness of Sets Involving Dependency of Attributes in Information Systems. International Journal of Software Engineering and Its Applications, 2015, 9, 111-126.	0.2	3
128	A Method of Discovering Interesting Association Rules from Student Admission Dataset. International Journal of Software Engineering and Its Applications, 2015, 9, 51-66.	0.2	3
129	MALARIA SEVERITY CLASSIFICATION THROUGH JORDAN-ELMAN NEURAL NETWORK BASED ON FEATURES EXTRACTED FROM THICK BLOOD SMEAR. Neural Network World, 2015, 25, 565-584.	0.5	11
130	Object-Based Viewpoint For Large-Scale Distributed Virtual Environment. Malaysian Journal of Computer Science, 2015, 28, 301-317.	0.5	4
131	An Ensemble CRT, RVFLN, SVM Method for Estimating Propane Spot Price. Advances in Intelligent Systems and Computing, 2015, , 21-30.	0.5	1
132	A Novel Algorithm to Detect a QPSK Signal with the Minimum Number of Samples. Advances in Intelligent Systems and Computing, 2015, , 11-20.	0.5	0
133	Review of Replication Techniques for Distributed Systems. Lecture Notes in Computer Science, 2015, , 169-176.	1.0	0
134	Soft-Matrices Computation for Feature Selection on Traditional Malay Musical Instrument Sounds Dataset. International Journal of Multimedia and Ubiquitous Engineering, 2015, 10, 321-332.	0.3	0
135	COMPARING NAÃVE-BAYES NETWORK STRUCTURES OVER MULTIPLE DATASET. , 2015, , .		0
136	A Large Scale Distributed Virtual Environment Architecture. Studies in Informatics and Control, 2015, 24, .	0.6	0
137	Enlarging Test Collections of Composite Semantic Services. International Journal of Computer Theory and Engineering, 2015, 7, 434-438.	3.2	0
138	A Hybrid Algorithm for Clustering of Time Series Data Based on Affinity Search Technique. Scientific World Journal, The, 2014, 2014, 1-12.	0.8	33
139	A Fast Density-Based Clustering Algorithm for Real-Time Internet of Things Stream. Scientific World Journal, The, 2014, 2014, 1-11.	0.8	28
140	Teaching and Learning using Computers: How should We Tread on Itsâ€™ Changing Technology?. International Journal of Emerging Technologies in Learning, 2014, 9, 45.	0.8	3
141	A Scalable Algorithm for Constructing Frequent Pattern Tree. International Journal of Intelligent Information Technologies, 2014, 10, 42-56.	0.5	4
142	Data Mining for Education Decision Support: A Review. International Journal of Emerging Technologies in Learning, 2014, 9, 4.	0.8	25
143	CSLMEN: A New Cuckoo Search Levenberg Marquardt Elman Network for Data Classification. Advances in Intelligent Systems and Computing, 2014, , 173-182.	0.5	4
144	Comparing Performances of Cuckoo Search Based Neural Networks. Advances in Intelligent Systems and Computing, 2014, , 163-172.	0.5	5

#	Article	IF	Citations
145	Modified Neural Network Activation Function. , 2014, , .		2
146	An Accelerated Particle Swarm Optimization Based Levenberg Marquardt Back Propagation Algorithm. Lecture Notes in Computer Science, 2014, , 245-253.	1.0	18
147	Big Data Clustering: A Review. Lecture Notes in Computer Science, 2014, , 707-720.	1.0	125
148	Cauchy criterion for the Henstock-Kurzweil integrability of fuzzy number-valued functions. , 2014, , .		2
149	Comparative Performance Analysis of Negative Selection Algorithm with Immune and Classification Algorithms. Advances in Intelligent Systems and Computing, 2014, , 441-452.	0.5	12
150	Hybrid Guided Artificial Bee Colony Algorithm for Numerical Function Optimization. Lecture Notes in Computer Science, 2014, , 197-206.	1.0	9
151	PI-SIGMA NEURAL NETWORK FOR A ONE-STEP-AHEAD TEMPERATURE FORECASTING. International Journal of Computational Intelligence and Applications, 2014, 13, 1450023.	0.6	8
152	Soft Solution of Soft Set Theory for Recommendation in Decision Making. Advances in Intelligent Systems and Computing, 2014, , 313-324.	0.5	13
153	Neural Network Training by Hybrid Accelerated Cuckoo Particle Swarm Optimization Algorithm. Lecture Notes in Computer Science, 2014, , 237-244.	1.0	8
154	A Sequential Data Preprocessing Tool for Data Mining. Lecture Notes in Computer Science, 2014, , 734-746.	1.0	2
155	Effect of thesaurus size on schema matching quality. Knowledge-Based Systems, 2014, 71, 211-226.	4.0	4
156	The Parameter Reduction of the Interval-Valued Fuzzy Soft Sets and Its Related Algorithms. IEEE Transactions on Fuzzy Systems, 2014, 22, 57-71.	6.5	57
157	MGR: An information theory based hierarchical divisive clustering algorithm for categorical data. Knowledge-Based Systems, 2014, 67, 401-411.	4.0	28
158	A Jordan Pi-Sigma Neural Network for Temperature Forecasting in Batu Pahat Region. Advances in Intelligent Systems and Computing, 2014, , 11-24.	0.5	4
159	Kernel Functions for the Support Vector Machine: Comparing Performances on Crude Oil Price Data. Advances in Intelligent Systems and Computing, 2014, , 273-281.	0.5	13
160	Soft Computing Approach in Modeling Energy Consumption. Lecture Notes in Computer Science, 2014, , 770-782.	1.0	4
161	An Approachable Analytical Study on Big Educational Data Mining. Lecture Notes in Computer Science, 2014, , 721-737.	1.0	12
162	Functional Link Neural Network with Modified Cuckoo Search Training Algorithm for Physical Time Series Forecasting. Lecture Notes in Computer Science, 2014, , 285-291.	1.0	3

#	Article	IF	Citations
163	Hybrid Guided Artificial Bee Colony Algorithm for Earthquake Time Series Data Prediction. Communications in Computer and Information Science, 2014, , 204-215.	0.4	2
164	Neural Network Intelligent Learning Algorithm for Inter-related Energy Products Applications. Lecture Notes in Computer Science, 2014, , 284-293.	1.0	5
165	An Improved Gbest Guided Artificial Bee Colony (IGGABC) Algorithm for Classification and Prediction Tasks. Lecture Notes in Computer Science, 2014, , 559-569.	1.0	8
166	On If-Then Multi Soft Sets-Based Decision Making. Lecture Notes in Computer Science, 2014, , 306-315.	1.0	5
167	Mining Indirect Least Association Rule. Lecture Notes in Electrical Engineering, 2014, , 159-166.	0.3	3
168	Negative Selection Algorithm: A Survey on the Epistemology of Generating Detectors. Lecture Notes in Electrical Engineering, 2014, , 167-176.	0.3	6
169	Failure Recovery of Composite Semantic Services using Expiration Times. Lecture Notes in Electrical Engineering, 2014, , 683-690.	0.3	2
170	Modified Low Energy Adaptive Clustering Hierarchy Protocol for Efficient Energy Consumption in Wireless Sensor Networks. International Review on Computers and Software, 2014, 9, 1904.	0.1	3
171	Mining Indirect Least Association Rule from Students' Examination Datasets. Lecture Notes in Computer Science, 2014, , 783-797.	1.0	3
172	Implementation of Modified Cuckoo Search Algorithm on Functional Link Neural Network for Climate Change Prediction via Temperature and Ozone Data. Advances in Intelligent Systems and Computing, 2014, , 239-247.	0.5	4
173	A Novel Approach to Gasoline Price Forecasting Based on Karhunen-Loève Transform and Network for Vector Quantization with Voronoid Polyhedral. Lecture Notes in Computer Science, 2014, , 257-266.	1.0	2
174	A Model for Visualizing Critical Least Association Rules. International Journal of Software Engineering and Its Applications, 2014, 8, 167-180.	0.2	0
175	Fast Determination of Items Support Technique from Enhanced Tree Data Structure. International Journal of Software Engineering and Its Applications, 2014, 8, 21-32.	0.2	1
176	Mining Critical Least Association Rule from Oral Cancer Dataset. Advances in Intelligent Systems and Computing, 2014, , 529-538.	0.5	1
177	Spatial Control of Post-earthquake Market Based on Paseduluran. Lecture Notes in Computer Science, 2014, , 95-108.	1.0	0
178	Arranging Advertisement as a Communication Media of Society towards the Enhancement of Urban Visual Quality. Lecture Notes in Computer Science, 2014, , 81-94.	1.0	0
179	Applying Variable Precision Rough Set for Clustering Diabetics Dataset. International Journal of Multimedia and Ubiquitous Engineering, 2014, 9, 219-230.	0.3	1
180	Increasing Failure Recovery Probability of Tourism-Related Web Services. Advances in Intelligent Systems and Computing, 2014, , 517-527.	0.5	2

#	Article	IF	Citations
181	Hybridization of Haar Wavelet Decomposition and Computational Intelligent Algorithms for the Estimation of Climate Change Behavior. Lecture Notes in Computer Science, 2014, , 238-247.	1.0	1
182	Mining Least Association Rules of Degree Level Programs Selected by Students. International Journal of Multimedia and Ubiquitous Engineering, 2014, 9, 241-254.	0.3	4
183	MAR: Maximum Attribute Relative of soft set for clustering attribute selection. Knowledge-Based Systems, 2013, 52, 11-20.	4.0	33
184	An Investigation on Learning Performance among Disabled People Using Educational Multimedia Software: A Case Study for Deaf People. International Journal of Bio-Science and Bio-Technology, 2013, 5, 9-20.	0.2	13
185	Tracing significant association rules using critical least association rules model. International Journal of Innovative Computing and Applications, 2013, 5, 3.	0.2	6
186	Mining critical least association rules of student suffering language and social anxieties. International Journal of Continuing Engineering Education and Life-Long Learning, 2013, 23, 128.	0.1	6
187	Automated Bone Age Assessment: Motivation, Taxonomies, and Challenges. Computational and Mathematical Methods in Medicine, 2013, 2013, 1-11.	0.7	35
188	Global Artificial Bee Colony-Levenberq-Marquardt (GABC-LM) Algorithm for Classification. International Journal of Applied Evolutionary Computation, 2013, 4, 58-74.	0.7	10
189	IPMA: Indirect Patterns Mining Algorithm. Studies in Computational Intelligence, 2013, , 187-196.	0.7	11
190	End-to-End Delay Performance for VoIP on LTE System in Access Network. Lecture Notes in Computer Science, 2013, , 162-172.	1.0	3
191	Modelling Reactive and Proactive Behaviour in Simulation: A Case Study in a University Organisation. International Journal of Multimedia and Ubiquitous Engineering, 2013, 8, 329-338.	0.3	6
192	RMF: Rough Set Membership Function-based for Clustering Web Transactions. International Journal of Multimedia and Ubiquitous Engineering, 2013, 8, 105-118.	0.3	2
193	DFIS: A novel data filling approach for an incomplete soft set. International Journal of Applied Mathematics and Computer Science, 2012, 22, 817-828.	1.5	31
194	Replication Techniques in Data Grid Environments. Lecture Notes in Computer Science, 2012, , 549-559.	1.0	7
195	Mining highly correlated least association rules using scalable trie-based algorithm. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2012, 35, 547-554.	0.6	13
196	DETECTING CRITICAL LEAST ASSOCIATION RULES IN MEDICAL DATABASES. International Journal of Modern Physics Conference Series, 2012, 09, 464-479.	0.7	11
197	ROUGH CLUSTERING FOR CANCER DATASETS. International Journal of Modern Physics Conference Series, 2012, 09, 240-258.	0.7	4
198	MaxD K-Means: A Clustering Algorithm for Auto-generation of Centroids and Distance of Data Points in Clusters. Communications in Computer and Information Science, 2012, , 192-199.	0.4	9

#	Article	IF	Citations
199	Identifying the Dominant Language of Web Page Using Supervised N-grams. , 2012, , .		0
200	Cloud Computing: Architecture for Efficient Provision of Services. , 2012, , .		3
201	Evolutionary grammars based design framework for product innovation. Procedia Technology, 2012, 1, 132-136.	1.1	8
202	An Improved Parameter less Data Clustering Technique based on Maximum Distance of Data and Lioyd k-means Algorithm. Procedia Technology, 2012, 1, 367-371.	1.1	17
203	On Cloud Computing Security Issues. Lecture Notes in Computer Science, 2012, , 560-569.	1.0	14
204	JOMS:System Architecture for Telemetry and Visualization on Unmanned Vehicle. Procedia Engineering, 2012, 29, 3899-3903.	1.2	4
205	A Hardware-In-the-Loop Simulation and Test for Unmanned Ground Vehicle on Indoor Environment. Procedia Engineering, 2012, 29, 3904-3908.	1.2	4
206	Road Traffic Engineering Application in Mathematics Information Technology. Procedia, Social and Behavioral Sciences, 2012, 59, 204-211.	0.5	3
207	A novel soft set approach in selecting clustering attribute. Knowledge-Based Systems, 2012, 36, 139-145.	4.0	57
208	Mining Interesting Association Rules of Students Suffering Study Anxieties Using SLP-Growth Algorithm. International Journal of Knowledge and Systems Science, 2012, 3, 24-41.	0.5	16
209	FSSC. International Journal of Fuzzy System Applications, 2012, 2, 29-46.	0.5	18
210	Neighbor-Replica Distribution Technique Model for Availability Prediction in Distributed Interdependent Environment. International Journal of Cloud Applications and Computing, 2012, 2, 98-109.	1.1	2
211	Applying variable precision rough set model for clustering student suffering study's anxiety. Expert Systems With Applications, 2012, 39, 452-459.	4.4	51
212	A Cloud Architecture with an Efficient Scheduling Technique. Lecture Notes in Computer Science, 2012, , 381-388.	1.0	1
213	Cloud Computing: Analysis of Various Services. Lecture Notes in Computer Science, 2012, , 397-404.	1.0	1
214	DFP-Growth: An Efficient Algorithm for Mining Frequent Patterns in Dynamic Database. Lecture Notes in Computer Science, 2012, , 51-58.	1.0	4
215	Binary Vote Assignment Grid Quorum for Managing Fragmented Database. Lecture Notes in Computer Science, 2012, , 584-591.	1.0	2
216	CNAR-M: A Model for Mining Critical Negative Association Rules. Communications in Computer and Information Science, 2012, , 170-179.	0.4	9

#	Article	IF	Citations
217	MT2Way: A Novel Strategy for Pair-Wise Test Data Generation. Communications in Computer and Information Science, 2012, , 180-191.	0.4	1
218	On Affirmative Adaptive Failure Detection. Lecture Notes in Computer Science, 2012, , 120-129.	1.0	0
219	Scalable Technique to Discover Items Support from Trie Data Structure. Lecture Notes in Computer Science, 2012, , 500-507.	1.0	4
220	On Soft Partition Attribute Selection. Lecture Notes in Computer Science, 2012, , 508-515.	1.0	0
221	EFP-M2: Efficient Model for Mining Frequent Patterns in Transactional Database. Lecture Notes in Computer Science, 2012, , 29-38.	1.0	3
222	Rough and Soft Set Approaches for Attributes Selection of Traditional Malay Musical Instrument Sounds Classification. International Journal of Software Science and Computational Intelligence, 2012, 4, 14-40.	1.8	0
223	On Quasi Discrete Topological Spaces in Information Systems. International Journal of Artificial Life Research, 2012, 3, 38-52.	0.1	2
224	The Position of Rough Set in Soft Set. International Journal of Applied Metaheuristic Computing, 2012, 3, 33-48.	0.5	0
225	Product Design Generation and Decision Making Through Strategic Integration of Evolutionary Grammars and Kano Model. International Journal of Intelligent Information Technologies, 2012, 8, 32-55.	0.5	0
226	XRecursive. International Journal of Information Retrieval Research, 2011, 1, 53-65.	0.6	2
227	A pilot study of pre- post anxiety treatment to improve academic performance for engineering students. Procedia, Social and Behavioral Sciences, 2011, 15, 3826-3830.	0.5	8
228	Validating the instrument of study anxiety sources using factor analysis. Procedia, Social and Behavioral Sciences, 2011, 15, 3831-3836.	0.5	7
229	Re-test of State Trait Anxiety Inventory (STAI) among Engineering Students in Malaysia: Reliability and Validity tests. Procedia, Social and Behavioral Sciences, 2011, 15, 3843-3848.	0.5	46
230	Assessing of Physiological Arousal and Cognitive Anxiety toward Academic Performance: The Application of Catastrophe Model. Procedia, Social and Behavioral Sciences, 2011, 30, 615-619.	0.5	11
231	Representation of social anxiety among engineering students. Procedia, Social and Behavioral Sciences, 2011, 30, 620-624.	0.5	8
232	Psychophysiological treatment in reduced anxiety with biofeedback training for university students. Procedia, Social and Behavioral Sciences, 2011, 30, 629-633.	0.5	10
233	Reducing network congestion by separating nets of single-row networks into layers. Procedia, Social and Behavioral Sciences, 2011, 28, 39-44.	0.5	0
234	Mining significant association rules from educational data using critical relative support approach. Procedia, Social and Behavioral Sciences, 2011, 28, 97-101.	0.5	49

#	Article	IF	Citations
235	Extracting highly positive association rules from students' enrollment data. Procedia, Social and Behavioral Sciences, 2011, 28, 107-111.	0.5	33
236	Measuring human performance using annual work target evaluation system. Procedia, Social and Behavioral Sciences, 2011, 28, 120-126.	0.5	1
237	Sophisticated Educational Software for Dentistry Students using Dental Measurement System (DEMS). Procedia, Social and Behavioral Sciences, 2011, 28, 133-138.	0.5	0
238	Managing Registration of New Student Intake using ORNSIS-Integrated Barcode Technology. Procedia, Social and Behavioral Sciences, 2011, 28, 144-150.	0.5	1
239	Learning Management System Through Assignment Box Alert. Procedia, Social and Behavioral Sciences, 2011, 28, 226-230.	0.5	2
240	A new efficient normal parameter reduction algorithm of soft sets. Computers and Mathematics With Applications, 2011, 62, 588-598.	1.4	87
241	A soft set approach for association rules mining. Knowledge-Based Systems, 2011, 24, 186-195.	4.0	167
242	A Novel Normal Parameter Reduction Algorithm of Soft Sets. Advances in Intelligent and Soft Computing, 2011, , 221-229.	0.2	3
243	An Adjustable Approach to Interval-Valued Intuitionistic Fuzzy Soft Sets Based Decision Making. Lecture Notes in Computer Science, 2011, , 80-89.	1.0	17
244	Definition of Consistency Rules between UML Use Case and Activity Diagram. Communications in Computer and Information Science, 2011, , 498-508.	0.4	5
245	Data clustering using variable precision rough set. Intelligent Data Analysis, 2011, 15, 465-482.	0.4	17
246	Data Filling Approach of Soft Sets under Incomplete Information. Lecture Notes in Computer Science, 2011, , 302-311.	1.0	22
247	The Hybrid Cubes Encryption Algorithm (HiSea). Communications in Computer and Information Science, 2011, , 191-200.	0.4	4
248	An Alternative Measure for Mining Weighted Least Association Rule and Its Framework. Communications in Computer and Information Science, 2011, , 480-494.	0.4	15
249	Mining Interesting Association Rules of Student Suffering Mathematics Anxiety. Communications in Computer and Information Science, 2011, , 495-508.	0.4	22
250	Rough Set Approach for Attributes Selection of Traditional Malay Musical Instruments Sounds Classification. Communications in Computer and Information Science, 2011, , 509-525.	0.4	3
251	Solving Incomplete Datasets in Soft Set Using Parity Bits of Supported Sets. Communications in Computer and Information Science, 2011, , 33-43.	0.4	2
252	A Mean Mutual Information Based Approach for Selecting Clustering Attribute. Communications in Computer and Information Science, 2011, , 1-15.	0.4	0

#	Article	IF	Citations
253	Real-Time Feedback and 3D Visualization of Unmanned Aerial Vehicle for Low-Cost Development. Communications in Computer and Information Science, 2011, , 475-485.	0.4	0
254	Improved Parameterless K-Means. International Journal of Information Retrieval Research, 2011, 1, 1-14.	0.6	7
255	SAR. International Journal of Information Retrieval Research, 2011, 1, 38-52.	0.6	0
256	A Framework of Decision Making Based on Maximal Supported Sets. Lecture Notes in Computer Science, 2010, , 473-482.	1.0	11
257	Applied Mathematics cans Enhance Employability Skills Through PBL. Procedia, Social and Behavioral Sciences, 2010, 8, 332-337.	0.5	7
258	Exploring Mathematics Anxiety among Engineering students. Procedia, Social and Behavioral Sciences, 2010, 8, 482-489.	0.5	30
259	The Relationship between Study Anxiety and Academic Performance among Engineering Students. Procedia, Social and Behavioral Sciences, 2010, 8, 490-497.	0.5	140
260	The Effect of Using an Interactive Multimedia Courseware within a Collaborative Learning Environment on the Learning of Pre-Algebra Concepts among Pre-University Engineering Students. Procedia, Social and Behavioral Sciences, 2010, 8, 571-579.	0.5	5
261	The Influence of Teamwork Using a Multimedia Interactive Courseware in Learning Pre-Algebra. Procedia, Social and Behavioral Sciences, 2010, 8, 654-662.	0.5	2
262	A rough set approach for selecting clustering attribute. Knowledge-Based Systems, 2010, 23, 220-231.	4.0	141
263	myKarve: JPEG Image and Thumbnail Carver. Journal of Digital Forensic Practice, 2010, 3, 74-97.	0.2	10
264	Soft Set Theory for Feature Selection of Traditional Malay Musical Instrument Sounds. Lecture Notes in Computer Science, 2010, , 253-260.	1.0	4
265	Dual-Byte-Marker Algorithm for Detecting JFIF Header. Communications in Computer and Information Science, 2010, , 17-26.	0.4	2
266	A Framework of Rough Clustering for Web Transactions. Studies in Computational Intelligence, 2010, , 265-277.	0.7	4
267	Matrices Representation of Multi Soft-Sets and Its Application. Lecture Notes in Computer Science, 2010, , 201-214.	1.0	11
268	Soft Decision Making for Patients Suspected Influenza. Lecture Notes in Computer Science, 2010, , 405-418.	1.0	14
269	Soft Set Theoretic Approach for Discovering Attributes Dependency in Information Systems. Lecture Notes in Computer Science, 2010, , 596-605.	1.0	2
270	Mining Significant Least Association Rules Using Fast SLP-Growth Algorithm. Lecture Notes in Computer Science, 2010, , 324-336.	1.0	30

#	Article	IF	Citations
271	Scalable Model for Mining Critical Least Association Rules. Lecture Notes in Computer Science, 2010, , 509-516.	1.0	21
272	On Well-Formedness Rules for UML Use Case Diagram. Lecture Notes in Computer Science, 2010, , 432-439.	1.0	3
273	Soft Set Approach for Selecting Decision Attribute in Data Clustering. Lecture Notes in Computer Science, 2010, , 87-98.	1.0	3
274	A Cryptographic Algorithm Based on Hybrid Cubes. Lecture Notes in Computer Science, 2010, , 175-187.	1.0	8
275	A Mobile GPS Application: Mosque Tracking with Prayer Time Synchronization. Communications in Computer and Information Science, 2010, , 237-246.	0.4	0
276	A Direct Proof of Every Rough Set is a Soft Set. , 2009, , .		29
277	Rough Set Theory for Topological Spaces in Information Systems. , 2009, , .		7
278	ROUGH SET THEORY FOR SELECTING CLUSTERING ATTRIBUTE. , 2009, , .		4
279	A CONSTRUCTION OF NESTED ROUGH SET APPROXIMATIONS IN INFORMATION SYSTEMS USING DEPENDENCY OF ATTRIBUTES. , 2009, , .		3
280	A Framework on Rough Set-Based Partitioning Attribute Selection. Lecture Notes in Computer Science, 2009, , 91-100.	1.0	12
281	On Multi-soft Sets Construction in Information Systems. Lecture Notes in Computer Science, 2009, , 101-110.	1.0	37
282	SMARViz: Soft Maximal Association Rules Visualization. Lecture Notes in Computer Science, 2009, , 664-674.	1.0	19
283	Soft Set Theoretic Approach for Dimensionality Reduction. Communications in Computer and Information Science, 2009, , 171-178.	0.4	26
284	Rough Set Approach for Categorical Data Clustering. Communications in Computer and Information Science, 2009, , 179-186.	0.4	11
285	Soft Set Approach for Maximal Association Rules Mining. Communications in Computer and Information Science, 2009, , 163-170.	0.4	14
286	Managing Fragmented Database Replication for Mygrants Using Binary Vote Assignment on Cloud Quorum. Applied Mechanics and Materials, 0, 490-491, 1342-1346.	0.2	3
287	SAR. , 0, , 266-280.		0
288	The Backbone of Key Successful Branding Strategies in the 21st Century. Advances in Computational Intelligence and Robotics Book Series, 0, , 186-228.	0.4	0

#	Article	IF	Citations
289	The Backbone of Key Successful Branding Strategies in the 21st Century. , 0, , 717-758.		0