Dongrui Wu

List of Publications by Year
in descending order

179 papers	8,211 citations	61984 43 h-index	64796 79 g-index
189 all docs	189 docs citations	189 times ranked	4166 citing authors

#	Article	IF	Citations
1	Enhanced Karnik--Mendel Algorithms. IEEE Transactions on Fuzzy Systems, 2009, 17, 923-934.	9.8	449
2	Uncertainty measures for interval type-2 fuzzy sets. Information Sciences, 2007, 177, 5378-5393.	6.9	318
3	A comparative study of ranking methods, similarity measures and uncertainty measures for interval type-2 fuzzy sets. Information Sciences, 2009, 179, 1169-1192.	6.9	307
4	On the Fundamental Differences Between Interval Type-2 and Type-1 Fuzzy Logic Controllers. IEEE Transactions on Fuzzy Systems, 2012, 20, 832-848.	9.8	276
5	Genetic learning and performance evaluation of interval type-2 fuzzy logic controllers. Engineering Applications of Artificial Intelligence, 2006, 19, 829-841.	8.1	239
6	Aggregation Using the Linguistic Weighted Average and Interval Type-2 Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2007, 15, 1145-1161.	9.8	239
7	Approaches for Reducing the Computational Cost of Interval Type-2 Fuzzy Logic Systems: Overview and Comparisons. IEEE Transactions on Fuzzy Systems, 2013, 21, 80-99.	9.8	211
8	Transfer Learning for Brain–Computer Interfaces: A Euclidean Space Data Alignment Approach. IEEE Transactions on Biomedical Engineering, 2020, 67, 399-410.	4.2	207
9	Seizure Classification From EEG Signals Using Transfer Learning, Semi-Supervised Learning and TSK Fuzzy System. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 2270-2284.	4.9	179
10	A vector similarity measure for linguistic approximation: Interval type-2 and type-1 fuzzy sets. Information Sciences, 2008, 178, 381-402.	6.9	167
11	Computing With Words for Hierarchical Decision Making Applied to Evaluating a Weapon System. IEEE Transactions on Fuzzy Systems, 2010, 18, 441-460.	9.8	164
12	Enhanced Interval Approach for Encoding Words Into Interval Type-2 Fuzzy Sets and Its Convergence Analysis. IEEE Transactions on Fuzzy Systems, 2012, 20, 499-513.	9.8	160
13	Wasserstein distance based deep adversarial transfer learning for intelligent fault diagnosis with unlabeled or insufficient labeled data. Neurocomputing, 2020, 409, 35-45.	5.9	156
14	EEG-Based Brain-Computer Interfaces (BCIs): A Survey of Recent Studies on Signal Sensing Technologies and Computational Intelligence Approaches and Their Applications. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 1645-1666.	3.0	144
15	Comparison and practical implementation of type-reduction algorithms for type-2 fuzzy sets and systems. , 2011, , .		137
16	Interval Type-2 Fuzzy Logic Modeling and Control of a Mobile Two-Wheeled Inverted Pendulum. IEEE Transactions on Fuzzy Systems, 2018, 26, 2030-2038.	9.8	137
17	Transfer Learning for EEG-Based Brain–Computer Interfaces: A Review of Progress Made Since 2016. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 4-19.	3.8	133
18	A simplified type-2 fuzzy logic controller for real-time control. ISA Transactions, 2006, 45, 503-516.	5.7	120

#	Article	IF	Citations
19	Optimal Arousal Identification and Classification for Affective Computing Using Physiological Signals: Virtual Reality Stroop Task. IEEE Transactions on Affective Computing, 2010, 1, 109-118.	8.3	120
20	Deep Multi-View Feature Learning for EEG-Based Epileptic Seizure Detection. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 1962-1972.	4.9	109
21	On the Continuity of Type-1 and Interval Type-2 Fuzzy Logic Systems. IEEE Transactions on Fuzzy Systems, 2011, 19, 179-192.	9.8	106
22	A type-2 fuzzy logic controller for the liquid-level process. , 0, , .		103
23	EEG-Based Driver Drowsiness Estimation Using an Online Multi-View and Transfer TSK Fuzzy System. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1752-1764.	8.0	103
24	Linguistic Summarization Using IFâ€"THEN Rules and Interval Type-2 Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2011, 19, 136-151.	9.8	100
25	Recommendations on designing practical interval type-2 fuzzy systems. Engineering Applications of Artificial Intelligence, 2019, 85, 182-193.	8.1	95
26	Manifold Embedded Knowledge Transfer for Brain-Computer Interfaces. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1117-1127.	4.9	91
27	Driver Drowsiness Estimation From EEG Signals Using Online Weighted Adaptation Regularization for Regression (OwARR). IEEE Transactions on Fuzzy Systems, 2017, 25, 1522-1535.	9.8	89
28	Spatial Filtering for EEG-Based Regression Problems in Brainâ€"Computer Interface (BCI). IEEE Transactions on Fuzzy Systems, 2018, 26, 771-781.	9.8	85
29	Active learning for regression using greedy sampling. Information Sciences, 2019, 474, 90-105.	6.9	80
30	Online and Offline Domain Adaptation for Reducing BCI Calibration Effort. IEEE Transactions on Human-Machine Systems, 2017, 47, 550-563.	3.5	77
31	Pool-Based Sequential Active Learning for Regression. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1348-1359.	11.3	72
32	Perceptual Reasoning for Perceptual Computing. IEEE Transactions on Fuzzy Systems, 2008, 16, 1550-1564.	9.8	71
33	Study on enhanced Karnikâ€"Mendel algorithms: Initialization explanations and computation improvements. Information Sciences, 2012, 184, 75-91.	6.9	68
34	Optimize TSK Fuzzy Systems for Regression Problems: Minibatch Gradient Descent With Regularization, DropRule, and AdaBound (MBGD-RDA). IEEE Transactions on Fuzzy Systems, 2020, 28, 1003-1015.	9.8	68
35	A Novel Negative-Transfer-Resistant Fuzzy Clustering Model with a Shared Cross-Domain Transfer Latent Space and its Application to Brain CT Image Segmentation. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2020, 18, 1-1.	3.0	67
36	On the Vulnerability of CNN Classifiers in EEG-Based BCIs. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 814-825.	4.9	63

#	Article	IF	Citations
37	Corrections to "Aggregation Using the Linguistic Weighted Average and Interval Type-2 Fuzzy Sets". IEEE Transactions on Fuzzy Systems, 2008, 16, 1664-1666.	9.8	61
38	Perceptual Reasoning for Perceptual Computing: A Similarity-Based Approach. IEEE Transactions on Fuzzy Systems, 2009, 17, 1397-1411.	9.8	61
39	Adhesive and Hydrophobic Bilayer Hydrogel Enabled On-Skin Biosensors for High-Fidelity Classification of Human Emotion. Advanced Functional Materials, 2022, 32, .	14.9	58
40	Twelve considerations in choosing between Gaussian and trapezoidal membership functions in interval type-2 fuzzy logic controllers. , 2012, , .		56
41	Switching EEG Headsets Made Easy: Reducing Offline Calibration Effort Using Active Weighted Adaptation Regularization. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 24, 1125-1137.	4.9	56
42	EEG-Based Driver Drowsiness Estimation Using Feature Weighted Episodic Training. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 2263-2273.	4.9	55
43	Speech emotion estimation in 3D space. , 2010, , .		53
44	Multitasking Genetic Algorithm (MTGA) for Fuzzy System Optimization. IEEE Transactions on Fuzzy Systems, 2020, 28, 1050-1061.	9.8	53
45	Enhanced Karnik-Mendel Algorithms for Interval Type-2 Fuzzy Sets and Systems. , 2007, , .		52
46	Optimize TSK Fuzzy Systems for Classification Problems: Minibatch Gradient Descent With Uniform Regularization and Batch Normalization. IEEE Transactions on Fuzzy Systems, 2020, 28, 3065-3075.	9.8	50
47	Improved Neural Signal Classification in a Rapid Serial Visual Presentation Task Using Active Learning. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2016, 24, 333-343.	4.9	49
48	Similarity Measures for Closed General Type-2 Fuzzy Sets: Overview, Comparisons, and a Geometric Approach. IEEE Transactions on Fuzzy Systems, 2019, 27, 515-526.	9.8	48
49	Discriminative Joint Probability Maximum Mean Discrepancy (DJP-MMD) for Domain Adaptation. , 2020, , .		48
50	EEG-Based User Reaction Time Estimation Using Riemannian Geometry Features. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2017, 25, 2157-2168.	4.9	46
51	Different Set Domain Adaptation for Brain-Computer Interfaces: A Label Alignment Approach. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1091-1108.	4.9	46
52	Interval Type-2 Fuzzy PI Controllers: Why They are More Robust. , 2010, , .		44
53	Transfer learning and active transfer learning for reducing calibration data in single-trial classification of visually-evoked potentials. , 2014, , .		44
54	Collaborative Filtering for Brain-Computer Interaction Using Transfer Learning and Active Class Selection. PLoS ONE, 2013, 8, e56624.	2.5	43

#	Article	IF	Citations
55	Acoustic feature analysis in speech emotion primitives estimation. , 0, , .		43
56	Adaptive Type-2 Fuzzy Neural-Network Control for Teleoperation Systems With Delay and Uncertainties. IEEE Transactions on Fuzzy Systems, 2020, 28, 2543-2554.	9.8	42
57	Personalized Human Activity Recognition Based on Integrated Wearable Sensor and Transfer Learning. Sensors, 2021, 21, 885.	3.8	41
58	Fuzzy experts on recreational vessels, a risk modelling approach for marine invasions. Ecological Modelling, 2010, 221, 850-863.	2.5	40
59	Designing practical interval type-2 fuzzy logic systems made simple. , 2014, , .		39
60	Tiny noise, big mistakes: adversarial perturbations induce errors in brain–computer interface spellers. National Science Review, 2021, 8, nwaa233.	9.5	37
61	An overview of alternative type-reduction approaches for reducing the computational cost of interval type-2 fuzzy logic controllers. , 2012, , .		35
62	On the Functional Equivalence of TSK Fuzzy Systems to Neural Networks, Mixture of Experts, CART, and Stacking Ensemble Regression. IEEE Transactions on Fuzzy Systems, 2020, 28, 2570-2580.	9.8	34
63	Interval Type-2 Fuzzy Disturbance Observer-Based T–S Fuzzy Control for a Pneumatic Flexible Joint. IEEE Transactions on Industrial Electronics, 2022, 69, 5962-5972.	7.9	33
64	FCM-RDpA: TSK fuzzy regression model construction using fuzzy C-means clustering, regularization, Droprule, and Powerball Adabelief. Information Sciences, 2021, 574, 490-504.	6.9	32
65	Transfer learning for motor imagery based brain–computer interfaces: A tutorial. Neural Networks, 2022, 153, 235-253.	5.9	32
66	Protecting Privacy of Users in Brain-Computer Interface Applications. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 1546-1555.	4.9	31
67	Adaptive Proxy-Based Robust Control Integrated With Nonlinear Disturbance Observer for Pneumatic Muscle Actuators. IEEE/ASME Transactions on Mechatronics, 2020, 25, 1756-1764.	5.8	31
68	Enhanced Interval Approach for encoding words into interval type-2 fuzzy sets and convergence of the word FOUs. , 2010, , .		30
69	Linguistic summarization using IF-THEN rules. , 2010, , .		28
70	Analytical solution methods for the fuzzy weighted average. Information Sciences, 2012, 187, 151-170.	6.9	28
71	Design of Interval Type-2 Fuzzy Controllers for Active Magnetic Bearing Systems. IEEE/ASME Transactions on Mechatronics, 2020, 25, 2449-2459.	5.8	28
72	An Automatic Analog Instrument Reading System Using Computer Vision and Inspection Robot. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 6322-6335.	4.7	28

#	Article	IF	Citations
73	Perceptual Reasoning: A New Computing with Words Engine. , 2007, , .		27
74	White-Box Target Attack for EEG-Based BCI Regression Problems. Lecture Notes in Computer Science, 2019, , 476-488.	1.3	26
75	Distributed Hammerstein Modeling for Cross-Coupling Effect of Multiaxis Piezoelectric Micropositioning Stages. IEEE/ASME Transactions on Mechatronics, 2018, 23, 2794-2804.	5.8	25
76	Universal adversarial perturbations for CNN classifiers in EEG-based BCIs. Journal of Neural Engineering, 2021, 18, 0460a4.	3.5	25
77	Subject adaptation network for EEG data analysis. Applied Soft Computing Journal, 2019, 84, 105689.	7.2	24
78	Multi-Task Deep Learning With Dynamic Programming for Embryo Early Development Stage Classification From Time-Lapse Videos. IEEE Access, 2019, 7, 122153-122163.	4.2	24
79	A Comprehensive Study of the Efficiency of Type-Reduction Algorithms. IEEE Transactions on Fuzzy Systems, 2021, 29, 1556-1566.	9.8	24
80	Computationally Efficient Type-Reduction Strategies for a Type-2 Fuzzy Logic Controller. , 0, , .		23
81	Type-2 FLS Modeling Capability Analysis. , 0, , .		21
82	A Driving Performance Forecasting System Based on Brain Dynamic State Analysis Using 4-D Convolutional Neural Networks. IEEE Transactions on Cybernetics, 2021, 51, 4959-4967.	9.5	21
83	Multi-Modality Fusion & Inductive Knowledge Transfer Underlying Non-Sparse Multi-Kernel Learning and Distribution Adaption. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2023, 20, 2387-2397.	3.0	20
84	Offline EEG-based driver drowsiness estimation using enhanced batch-mode active learning (EBMAL) for regression. , 2016, , .		19
85	Patch Learning. IEEE Transactions on Fuzzy Systems, 2020, 28, 1996-2008.	9.8	19
86	Social Judgment Advisor: An application of the Perceptual Computer. , 2010, , .		18
87	An adaptive fuzzy inference approach for color image steganography. Soft Computing, 2021, 25, 10987-11004.	3.6	18
88	A reconstruction decoder for computing with words. Information Sciences, 2014, 255, 1-15.	6.9	17
89	Reducing Offline BCI Calibration Effort Using Weighted Adaptation Regularization with Source Domain Selection. , 2015, , .		17
90	DBAN: Adversarial Network With Multi-Scale Features for Cardiac MRI Segmentation. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2018-2028.	6.3	17

#	Article	IF	Citations
91	Pool-based unsupervised active learning for regression using iterative representativeness-diversity maximization (iRDM). Pattern Recognition Letters, 2021, 142, 11-19.	4.2	17
92	Privacy-Preserving Brainâ€"Computer Interfaces: A Systematic Review. IEEE Transactions on Computational Social Systems, 2023, 10, 2312-2324.	4.4	17
93	Online driver's drowsiness estimation using domain adaptation with model fusion. , 2015, , .		16
94	Critique of â€œA New Look at Type-2 Fuzzy Sets and Type-2 Fuzzy Logic Systemsâ€• IEEE Transactions on Fuzzy Systems, 2017, 25, 725-727.	9.8	16
95	Design of Type-Reduction Strategies for Type-2 Fuzzy Logic Systems using Genetic Algorithms. Studies in Computational Intelligence, 2007, , 169-187.	0.9	16
96	Challenges for Perceptual Computer Applications and How They Were Overcome. IEEE Computational Intelligence Magazine, 2012, 7, 36-47.	3.2	15
97	Multi-View Broad Learning System for Primate Oculomotor Decision Decoding. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1908-1920.	4.9	15
98	A Vector Similarity Measure for Interval Type-2 Fuzzy Sets. , 2007, , .		14
99	Solving Zadeh's Magnus challenge problem on linguistic probabilities via Linguistic Weighted Averages. , 2011, , .		14
100	Two Differences Between Interval Type-2 and Type-1 Fuzzy Logic Controllers: Adaptiveness and Novelty. Studies in Fuzziness and Soft Computing, 2013, , 33-48.	0.8	14
101	A Comment on â€œA Direct Approach for Determining the Switch Points in the Karnikâ€"Mendel Algorithmâ€• IEEE Transactions on Fuzzy Systems, 2018, 26, 3905-3907.	9.8	14
102	Multiview Fuzzy Logic System With the Cooperation Between Visible and Hidden Views. IEEE Transactions on Fuzzy Systems, 2019, 27, 1162-1173.	9.8	14
103	Set-Membership filtering with incomplete observations. Information Sciences, 2020, 517, 37-51.	6.9	14
104	A simplified architecture for type-2 FLSs and its application to nonlinear control. , 0, , .		13
105	The Linguistic Weighted Average. , 2006, , .		13
106	Determining interval type-2 fuzzy set models for words using data collected from one subject: Person FOUs. , 2014, , .		13
107	Reducing BCI calibration effort in RSVP tasks using online weighted adaptation regularization with source domain selection. , 2015, , .		13
108	Active Learning for Black-Box Adversarial Attacks in EEG-Based Brain-Computer Interfaces. , 2019, , .		13

#	Article	IF	Citations
109	Active Class Selection for Arousal Classification. Lecture Notes in Computer Science, 2011, , 132-141.	1.3	13
110	Efficient Labeling of EEG Signal Artifacts Using Active Learning. , 2015, , .		12
111	Active semi-supervised transfer learning (ASTL) for offline BCI calibration. , 2017, , .		12
112	Affect Estimation in 3D Space Using Multi-Task Active Learning for Regression. IEEE Transactions on Affective Computing, 2022, 13, 16-27.	8.3	12
113	EEG data analysis with stacked differentiable neural computers. Neural Computing and Applications, 2020, 32, 7611-7621.	5.6	12
114	EEG-Based Drowsiness Estimation for Driving Safety Using Deep Q-Learning. IEEE Transactions on Emerging Topics in Computational Intelligence, 2021, 5, 583-594.	4.9	12
115	Transfer Learning Enhanced Common Spatial Pattern Filtering for Brain Computer Interfaces (BCIs): Overview and a New Approach. Lecture Notes in Computer Science, 2017, , 811-821.	1.3	12
116	Fuzzy sets and systems in building closed-loop affective computing systems for human-computer interaction: Advances and new research directions. , 2012, , .		11
117	SSVEP-based brain-computer interfaces are vulnerable to square wave attacks. Science China Information Sciences, 2022, 65, 1.	4.3	11
118	A Switch-Mode Firefly Algorithm for Global Optimization. IEEE Access, 2018, 6, 54177-54184.	4.2	10
119	Cardinality, Fuzziness, Variance and Skewness of Interval Type-2 Fuzzy Sets. , 2007, , .		9
120	In Vitro Fertilization (IVF) Cumulative Pregnancy Rate Prediction From Basic Patient Characteristics. IEEE Access, 2019, 7, 130460-130467.	4.2	9
121	A Constrained Representation Theorem for Well-Shaped Interval Type-2 Fuzzy Sets, and the Corresponding Constrained Uncertainty Measures. IEEE Transactions on Fuzzy Systems, 2019, 27, 1237-1251.	9.8	9
122	EEG-Based Driver Drowsiness Estimation Using Convolutional Neural Networks. Lecture Notes in Computer Science, 2017, , 822-832.	1.3	9
123	Computing withWords for Hierarchical and Distributed Decision-Making. Atlantis Computational Intelligence Systems, 2010, , 233-271.	0.5	9
124	Guest Editorial for the Special Section on Brain Computer Interface (BCI). IEEE Transactions on Fuzzy Systems, 2017, 25, 1-2.	9.8	8
125	Ordered fuzzy weighted averages and ordered linguistic weighted averages. , 2010, , .		7
126	Spectral meta-learner for regression (SMLR) model aggregation: Towards calibrationless brain-computer interface (BCI). , 2016, , .		7

#	Article	IF	Citations
127	Inductive Transfer Learning for Handling Individual Differences in Affective Computing. Lecture Notes in Computer Science, 2011, , 142-151.	1.3	7
128	Layer Normalization for TSK Fuzzy System Optimization in Regression Problems. IEEE Transactions on Fuzzy Systems, 2023, 31, 254-264.	9.8	7
129	Deep Learning for Sleep Stage Classification. , 2018, , .		6
130	Spatial Filtering for Brain Computer Interfaces: A Comparison between the Common Spatial Pattern and Its Variant. , 2018, , .		6
131	Probabilistic linguistic multi-criteria decision-making based on double information under imperfect conditions. Fuzzy Optimization and Decision Making, 2020, 19, 391-433.	5.5	6
132	Proxy-Based Control of Intelligent Assistive Walker for Intentional Sit-to-Stand Transfer. IEEE/ASME Transactions on Mechatronics, 2022, 27, 904-915.	5.8	6
133	Real-Time fMRI-Based Brain Computer Interface: A Review. Lecture Notes in Computer Science, 2017, , 833-842.	1.3	6
134	Similarity-based perceptual reasoning for perceptual computing. , 2009, , .		5
135	Efficient algorithms for computing a class of subsethood and similarity measures for interval type-2 fuzzy sets. , 2010, , .		5
136	Privacy-preserving linear regression for brain-computer interface applications. , 2018, , .		5
137	Alzheimer's Disease Brain Network Classification Using Improved Transfer Feature Learning with Joint Distribution Adaptation. , 2019, 2019, 2959-2963.		5
138	Network Intrusion Detection Based on Dynamic Intuitionistic Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2022, 30, 3460-3472.	9.8	5
139	Effect of different initializations on EKM algorithm. , 2015, , .		4
140	T-S Fuzzy Logic Control with Genetic Algorithm Optimization for Pneumatic Muscle Actuator. , 2018, , .		4
141	Curse of Dimensionality for TSK Fuzzy Neural Networks: Explanation and Solutions. , 2021, , .		4
142	Multi-Task Active Learning for Simultaneous Emotion Classification and Regression. , 2021, , .		4
143	Perceptual reasoning using interval type-2 fuzzy sets: Properties. , 2008, , .		3
144	Examining the continuity of type-1 and interval type-2 fuzzy logic systems. , 2010, , .		3

#	Article	IF	Citations
145	A reconstruction decoder for the perceptual computer. , 2012, , .		3
146	Robot Path Planning Using an Improved Genetic Algorithm with Ordered Feasible Subpaths. , 2018, , .		3
147	Sustained Attention Driving Task Analysis based on Recurrent Residual Neural Network using EEG Data. , 2018, , .		3
148	Discriminative Sparse Generalized Canonical Correlation Analysis (DSGCCA). , 2019, , .		3
149	Channel and Trials Selection for Reducing Covariate Shift in EEG-based Brain-Computer Interfaces. , 2019, , .		3
150	Integrating Informativeness, Representativeness and Diversity in Pool-Based Sequential Active Learning for Regression. , 2020, , .		3
151	mDixon-based synthetic CT generation via transfer and patch learning. Pattern Recognition Letters, 2020, 138, 51-59.	4.2	3
152	Artificial Identification, Blockchain, Cyberphysical Social Systems, Digital Twins, and Parallel Intelligence: Opportunities and Synergies Between the IEEE Council on Radio-Frequency Identification and Systems, Man, and Cybernetics Society [Essay]. IEEE Systems, Man, and Cybernetics Magazine, 2021, 7, 61-C4.	1.4	3
153	An interval type-2 fuzzy edge detection and matrix coding approach for color image adaptive steganography. Multimedia Tools and Applications, 2022, 81, 39145-39167.	3.9	3
154	Overview of the winning approaches in BCI Controlled Robot Contest in World Robot Contest 2021: Calibration-free SSVEP. Brain Science Advances, 2022, 8, 99-110.	0.9	3
155	Forecasting the Post-Fracturing Response of Oil Wells in a Tight Reservoir. , 2009, , .		2
156	Special Issue on Computational Intelligence and Affective Computing [Guest Editorial]. IEEE Computational Intelligence Magazine, 2013, 8, 17-19.	3.2	2
157	Approximation of centroid end-points and switch points for replacing type reduction algorithms. International Journal of Approximate Reasoning, 2015, 66, 39-52.	3.3	2
158	Agreement rate initialized maximum likelihood estimator for ensemble classifier aggregation and its application in brain-computer interface. , 2016, , .		2
159	Performance comparison of efficient type-reduction approaches for interval type-2 fuzzy logic control. , 2017, , .		2
160	PSO-Optimized Fuzzy Control for Four-Rotor Unmanned Aerial Vehicle with Suspended Load. , 2018, , .		2
161	Feature Dimensionality Reduction for Video Affect Classification: A Comparative Study. , 2018, , .		2
162	Hand Gesture Recognition Based on Multi-Classification Adaptive Neuro-Fuzzy Inference System and pMMG. , 2020, , .		2

#	Article	IF	Citations
163	Supervised Discriminative Sparse PCA with Adaptive Neighbors for Dimensionality Reduction. , 2020, , .		2
164	Ordered NovelÂ Weighted Averages. Studies in Fuzziness and Soft Computing, 2018, , 25-47.	0.8	2
165	P-Map: An Intuitive Plot to Visualize, Understand, and Compare Variable-Gain PI Controllers. Lecture Notes in Computer Science, 2011, , 189-198.	1.3	1
166	Switch point finding using polynomial regression for fuzzy type reduction algorithms. , 2015, , .		1
167	Linear approximation of Karnik-Mendel type reduction algorithm. , 2015, , .		1
168	Generating a fuzzy rule-based brain-state-drift detector by riemann-metric-based clustering. , 2017, , .		1
169	Nonlinear Disturbance Observer Based T-S Fuzzy Logic Control of Pneumatic Artificial Muscles. , 2019, , .		1
170	EEG-Based Driver Drowsiness Estimation Using Self-Paced Learning with Label Diversity. , 2019, , .		1
171	Active Stacking for Heart Rate Estimation. , 2020, , .		1
172	AgFlow: fast model selection of penalized PCA via implicit regularization effects of gradient flow. Machine Learning, 2021, 110, 2131-2150.	5.4	1
173	A Vector Similarity Measure for Type-1 Fuzzy Sets. Lecture Notes in Computer Science, 2007, , 575-583.	1.3	1
174	Exploring the common principal subspace of deep features in neural networks. Machine Learning, 0, , 1.	5.4	1
175	Review of training-free event-related potential classification approaches in the World Robot Contest 2021. Brain Science Advances, 2022, 8, 82-98.	0.9	1
176	Perceptual Reasoning: A New Computing with Words Engine. , 2007, , .		0
177	Assisting in Hierarchical and Distributed Decision Making-Journal Publication Judgment Advisor (JPJA). , 2010, , 283-310.		0
178	Unsupervised Ensemble Learning for Class Imbalance Problems. , 2018, , .		0
179	Neural Decoding Based on Active Learning for Intracortical Brain-Machine Interfaces. , 2020, , .		0