

# Dongrui Wu

## List of Publications by Year in descending order

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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	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
2	Layer Normalization for TSK Fuzzy System Optimization in Regression Problems. IEEE Transactions on Fuzzy Systems, 2023, 31, 254-264.	9.8	7
3	Privacy-Preserving Brain-Computer Interfaces: A Systematic Review. IEEE Transactions on Computational Social Systems, 2023, 10, 2312-2324.	4.4	17
4	Affect Estimation in 3D Space Using Multi-Task Active Learning for Regression. IEEE Transactions on Affective Computing, 2022, 13, 16-27.	8.3	12
5	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
6	Interval Type-2 Fuzzy Disturbance Observer-Based TSK Fuzzy Control for a Pneumatic Flexible Joint. IEEE Transactions on Industrial Electronics, 2022, 69, 5962-5972.	7.9	33
7	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
8	Network Intrusion Detection Based on Dynamic Intuitionistic Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2022, 30, 3460-3472.	9.8	5
9	SSVEP-based brain-computer interfaces are vulnerable to square wave attacks. Science China Information Sciences, 2022, 65, 1.	4.3	11
10	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
11	Adhesive and Hydrophobic Bilayer Hydrogel Enabled On-Skin Biosensors for High-Fidelity Classification of Human Emotion. Advanced Functional Materials, 2022, 32, .	14.9	58
12	Transfer learning for motor imagery based brain-computer interfaces: A tutorial. Neural Networks, 2022, 153, 235-253.	5.9	32
13	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
14	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
15	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
16	A Comprehensive Study of the Efficiency of Type-Reduction Algorithms. IEEE Transactions on Fuzzy Systems, 2021, 29, 1556-1566.	9.8	24
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Tiny noise, big mistakes: adversarial perturbations induce errors in brain-computer interface spellers. National Science Review, 2021, 8, nwa233.	9.5	37
20	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
21	Personalized Human Activity Recognition Based on Integrated Wearable Sensor and Transfer Learning. Sensors, 2021, 21, 885.	3.8	41
22	Pool-based unsupervised active learning for regression using iterative representativeness-diversity maximization (iRDM). Pattern Recognition Letters, 2021, 142, 11-19.	4.2	17
23	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
24	An adaptive fuzzy inference approach for color image steganography. Soft Computing, 2021, 25, 10987-11004.	3.6	18
25	Universal adversarial perturbations for CNN classifiers in EEG-based BCIs. Journal of Neural Engineering, 2021, 18, 0460a4.	3.5	25
26	Curse of Dimensionality for TSK Fuzzy Neural Networks: Explanation and Solutions. , 2021, , .		4
27	AgFlow: fast model selection of penalized PCA via implicit regularization effects of gradient flow. Machine Learning, 2021, 110, 2131-2150.	5.4	1
28	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
29	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
30	Multi-Task Active Learning for Simultaneous Emotion Classification and Regression. , 2021, , .		4
31	EEG data analysis with stacked differentiable neural computers. Neural Computing and Applications, 2020, 32, 7611-7621.	5.6	12
32	Transfer Learning for Brain-computer Interfaces: A Euclidean Space Data Alignment Approach. IEEE Transactions on Biomedical Engineering, 2020, 67, 399-410.	4.2	207
33	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
34	Patch Learning. IEEE Transactions on Fuzzy Systems, 2020, 28, 1996-2008.	9.8	19
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 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

#	ARTICLE	IF	CITATIONS
37	Discriminative Joint Probability Maximum Mean Discrepancy (DJP-MMD) for Domain Adaptation. , 2020, , .		48
38	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
39	Hand Gesture Recognition Based on Multi-Classification Adaptive Neuro-Fuzzy Inference System and pMMG. , 2020, , .		2
40	Supervised Discriminative Sparse PCA with Adaptive Neighbors for Dimensionality Reduction. , 2020, , .		2
41	Active Stacking for Heart Rate Estimation. , 2020, , .		1
42	Integrating Informativeness, Representativeness and Diversity in Pool-Based Sequential Active Learning for Regression. , 2020, , .		3
43	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
44	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
45	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
46	Design of Interval Type-2 Fuzzy Controllers for Active Magnetic Bearing Systems. IEEE/ASME Transactions on Mechatronics, 2020, 25, 2449-2459.	5.8	28
47	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
48	mDixon-based synthetic CT generation via transfer and patch learning. Pattern Recognition Letters, 2020, 138, 51-59.	4.2	3
49	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
50	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
51	Set-Membership filtering with incomplete observations. Information Sciences, 2020, 517, 37-51.	6.9	14
52	Multitasking Genetic Algorithm (MTGA) for Fuzzy System Optimization. IEEE Transactions on Fuzzy Systems, 2020, 28, 1050-1061.	9.8	53
53	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
54	Manifold Embedded Knowledge Transfer for Brain-Computer Interfaces. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1117-1127.	4.9	91

#	ARTICLE	IF	CITATIONS
55	Neural Decoding Based on Active Learning for Intracortical Brain-Machine Interfaces. , 2020, , .		0
56	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
57	Protecting Privacy of Users in Brain-Computer Interface Applications. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2019, 27, 1546-1555.	4.9	31
58	Recommendations on designing practical interval type-2 fuzzy systems. Engineering Applications of Artificial Intelligence, 2019, 85, 182-193.	8.1	95
59	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
60	Pool-Based Sequential Active Learning for Regression. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1348-1359.	11.3	72
61	Subject adaptation network for EEG data analysis. Applied Soft Computing Journal, 2019, 84, 105689.	7.2	24
62	In Vitro Fertilization (IVF) Cumulative Pregnancy Rate Prediction From Basic Patient Characteristics. IEEE Access, 2019, 7, 130460-130467.	4.2	9
63	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
64	Nonlinear Disturbance Observer Based T-S Fuzzy Logic Control of Pneumatic Artificial Muscles. , 2019, , .		1
65	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
66	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
67	Active Learning for Black-Box Adversarial Attacks in EEG-Based Brain-Computer Interfaces. , 2019, , .		13
68	Discriminative Sparse Generalized Canonical Correlation Analysis (DSGCCA). , 2019, , .		3
69	EEG-Based Driver Drowsiness Estimation Using Self-Paced Learning with Label Diversity. , 2019, , .		1
70	Alzheimer's Disease Brain Network Classification Using Improved Transfer Feature Learning with Joint Distribution Adaptation. , 2019, 2019, 2959-2963.		5
71	Channel and Trials Selection for Reducing Covariate Shift in EEG-based Brain-Computer Interfaces. , 2019, , .		3
72	Multiview Fuzzy Logic System With the Cooperation Between Visible and Hidden Views. IEEE Transactions on Fuzzy Systems, 2019, 27, 1162-1173.	9.8	14

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73	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
74	Active learning for regression using greedy sampling. Information Sciences, 2019, 474, 90-105.	6.9	80
75	White-Box Target Attack for EEG-Based BCI Regression Problems. Lecture Notes in Computer Science, 2019, , 476-488.	1.3	26
76	Spatial Filtering for EEG-Based Regression Problems in Brain-Computer Interface (BCI). IEEE Transactions on Fuzzy Systems, 2018, 26, 771-781.	9.8	85
77	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
78	PSO-Optimized Fuzzy Control for Four-Rotor Unmanned Aerial Vehicle with Suspended Load. , 2018, , .		2
79	Unsupervised Ensemble Learning for Class Imbalance Problems. , 2018, , .		0
80	Privacy-preserving linear regression for brain-computer interface applications. , 2018, , .		5
81	Deep Learning for Sleep Stage Classification. , 2018, , .		6
82	Robot Path Planning Using an Improved Genetic Algorithm with Ordered Feasible Subpaths. , 2018, , .		3
83	T-S Fuzzy Logic Control with Genetic Algorithm Optimization for Pneumatic Muscle Actuator. , 2018, , .		4
84	Feature Dimensionality Reduction for Video Affect Classification: A Comparative Study. , 2018, , .		2
85	Spatial Filtering for Brain Computer Interfaces: A Comparison between the Common Spatial Pattern and Its Variant. , 2018, , .		6
86	Sustained Attention Driving Task Analysis based on Recurrent Residual Neural Network using EEG Data. , 2018, , .		3
87	A Switch-Mode Firefly Algorithm for Global Optimization. IEEE Access, 2018, 6, 54177-54184.	4.2	10
88	Distributed Hammerstein Modeling for Cross-Coupling Effect of Multiaxis Piezoelectric Micropositioning Stages. IEEE/ASME Transactions on Mechatronics, 2018, 23, 2794-2804.	5.8	25
89	A Comment on "A Direct Approach for Determining the Switch Points in the Karnik-Mendel Algorithm". IEEE Transactions on Fuzzy Systems, 2018, 26, 3905-3907.	9.8	14
90	Ordered Novel Weighted Averages. Studies in Fuzziness and Soft Computing, 2018, , 25-47.	0.8	2

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91	Critique of "A New Look at Type-2 Fuzzy Sets and Type-2 Fuzzy Logic Systems". IEEE Transactions on Fuzzy Systems, 2017, 25, 725-727.	9.8	16
92	Guest Editorial for the Special Section on Brain Computer Interface (BCI). IEEE Transactions on Fuzzy Systems, 2017, 25, 1-2.	9.8	8
93	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
94	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
95	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
96	Online and Offline Domain Adaptation for Reducing BCI Calibration Effort. IEEE Transactions on Human-Machine Systems, 2017, 47, 550-563.	3.5	77
97	Active semi-supervised transfer learning (ASTL) for offline BCI calibration. , 2017, , .		12
98	Generating a fuzzy rule-based brain-state-drift detector by riemann-metric-based clustering. , 2017, , .		1
99	Performance comparison of efficient type-reduction approaches for interval type-2 fuzzy logic control. , 2017, , .		2
100	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
101	EEG-Based Driver Drowsiness Estimation Using Convolutional Neural Networks. Lecture Notes in Computer Science, 2017, , 822-832.	1.3	9
102	Real-Time fMRI-Based Brain Computer Interface: A Review. Lecture Notes in Computer Science, 2017, , 833-842.	1.3	6
103	Agreement rate initialized maximum likelihood estimator for ensemble classifier aggregation and its application in brain-computer interface. , 2016, , .		2
104	Offline EEG-based driver drowsiness estimation using enhanced batch-mode active learning (EBMAL) for regression. , 2016, , .		19
105	Spectral meta-learner for regression (SMLR) model aggregation: Towards calibrationless brain-computer interface (BCI). , 2016, , .		7
106	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
107	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
108	Effect of different initializations on EKM algorithm. , 2015, , .		4

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109	Switch point finding using polynomial regression for fuzzy type reduction algorithms. , 2015, , .		1
110	Reducing Offline BCI Calibration Effort Using Weighted Adaptation Regularization with Source Domain Selection. , 2015, , .		17
111	Efficient Labeling of EEG Signal Artifacts Using Active Learning. , 2015, , .		12
112	Reducing BCI calibration effort in RSVP tasks using online weighted adaptation regularization with source domain selection. , 2015, , .		13
113	Online driver's drowsiness estimation using domain adaptation with model fusion. , 2015, , .		16
114	Linear approximation of Karnik-Mendel type reduction algorithm. , 2015, , .		1
115	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
116	Transfer learning and active transfer learning for reducing calibration data in single-trial classification of visually-evoked potentials. , 2014, , .		44
117	Determining interval type-2 fuzzy set models for words using data collected from one subject: Person FOU's. , 2014, , .		13
118	Designing practical interval type-2 fuzzy logic systems made simple. , 2014, , .		39
119	A reconstruction decoder for computing with words. Information Sciences, 2014, 255, 1-15.	6.9	17
120	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
121	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
122	Special Issue on Computational Intelligence and Affective Computing [Guest Editorial]. IEEE Computational Intelligence Magazine, 2013, 8, 17-19.	3.2	2
123	Collaborative Filtering for Brain-Computer Interaction Using Transfer Learning and Active Class Selection. PLoS ONE, 2013, 8, e56624.	2.5	43
124	Fuzzy sets and systems in building closed-loop affective computing systems for human-computer interaction: Advances and new research directions. , 2012, , .		11
125	Twelve considerations in choosing between Gaussian and trapezoidal membership functions in interval type-2 fuzzy logic controllers. , 2012, , .		56
126	A reconstruction decoder for the perceptual computer. , 2012, , .		3



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127	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
128	An overview of alternative type-reduction approaches for reducing the computational cost of interval type-2 fuzzy logic controllers. , 2012, , .		35
129	Study on enhanced Karnikâ€™Mendel algorithms: Initialization explanations and computation improvements. Information Sciences, 2012, 184, 75-91.	6.9	68
130	Analytical solution methods for the fuzzy weighted average. Information Sciences, 2012, 187, 151-170.	6.9	28
131	Challenges for Perceptual Computer Applications and How They Were Overcome. IEEE Computational Intelligence Magazine, 2012, 7, 36-47.	3.2	15
132	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
133	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
134	Comparison and practical implementation of type-reduction algorithms for type-2 fuzzy sets and systems. , 2011, , .		137
135	Linguistic Summarization Using IFâ€™THEN Rules and Interval Type-2 Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2011, 19, 136-151.	9.8	100
136	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
137	Solving Zadeh's Magnus challenge problem on linguistic probabilities via Linguistic Weighted Averages. , 2011, , .		14
138	Active Class Selection for Arousal Classification. Lecture Notes in Computer Science, 2011, , 132-141.	1.3	13
139	Inductive Transfer Learning for Handling Individual Differences in Affective Computing. Lecture Notes in Computer Science, 2011, , 142-151.	1.3	7
140	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
141	Fuzzy experts on recreational vessels, a risk modelling approach for marine invasions. Ecological Modelling, 2010, 221, 850-863.	2.5	40
142	Enhanced Interval Approach for encoding words into interval type-2 fuzzy sets and convergence of the word FOU's. , 2010, , .		30
143	Interval Type-2 Fuzzy PI Controllers: Why They are More Robust. , 2010, , .		44
144	Assisting in Hierarchical and Distributed Decision Making-Journal Publication Judgment Advisor (JPJA). , 2010, , 283-310.		0

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145	Examining the continuity of type-1 and interval type-2 fuzzy logic systems. , 2010, , .		3
146	Speech emotion estimation in 3D space. , 2010, , .		53
147	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
148	Linguistic summarization using IF-THEN rules. , 2010, , .		28
149	Ordered fuzzy weighted averages and ordered linguistic weighted averages. , 2010, , .		7
150	Efficient algorithms for computing a class of subsethood and similarity measures for interval type-2 fuzzy sets. , 2010, , .		5
151	Social Judgment Advisor: An application of the Perceptual Computer. , 2010, , .		18
152	Computing withWords for Hierarchical and Distributed Decision-Making. Atlantis Computational Intelligence Systems, 2010, , 233-271.	0.5	9
153	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
154	Enhanced Karnik–Mendel Algorithms. IEEE Transactions on Fuzzy Systems, 2009, 17, 923-934.	9.8	449
155	Similarity-based perceptual reasoning for perceptual computing. , 2009, , .		5
156	Perceptual Reasoning for Perceptual Computing: A Similarity-Based Approach. IEEE Transactions on Fuzzy Systems, 2009, 17, 1397-1411.	9.8	61
157	Forecasting the Post-Fracturing Response of Oil Wells in a Tight Reservoir. , 2009, , .		2
158	A vector similarity measure for linguistic approximation: Interval type-2 and type-1 fuzzy sets. Information Sciences, 2008, 178, 381-402.	6.9	167
159	Perceptual Reasoning for Perceptual Computing. IEEE Transactions on Fuzzy Systems, 2008, 16, 1550-1564.	9.8	71
160	Perceptual reasoning using interval type-2 fuzzy sets: Properties. , 2008, , .		3
161	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
162	Perceptual Reasoning: A New Computing with Words Engine. , 2007, , .		0

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163	Aggregation Using the Linguistic Weighted Average and Interval Type-2 Fuzzy Sets. IEEE Transactions on Fuzzy Systems, 2007, 15, 1145-1161.	9.8	239
164	Perceptual Reasoning: A New Computing with Words Engine. , 2007, , .		27
165	Cardinality, Fuzziness, Variance and Skewness of Interval Type-2 Fuzzy Sets. , 2007, , .		9
166	Enhanced Karnik-Mendel Algorithms for Interval Type-2 Fuzzy Sets and Systems. , 2007, , .		52
167	A Vector Similarity Measure for Interval Type-2 Fuzzy Sets. , 2007, , .		14
168	Uncertainty measures for interval type-2 fuzzy sets. Information Sciences, 2007, 177, 5378-5393.	6.9	318
169	Design of Type-Reduction Strategies for Type-2 Fuzzy Logic Systems using Genetic Algorithms. Studies in Computational Intelligence, 2007, , 169-187.	0.9	16
170	A Vector Similarity Measure for Type-1 Fuzzy Sets. Lecture Notes in Computer Science, 2007, , 575-583.	1.3	1
171	The Linguistic Weighted Average. , 2006, , .		13
172	Genetic learning and performance evaluation of interval type-2 fuzzy logic controllers. Engineering Applications of Artificial Intelligence, 2006, 19, 829-841.	8.1	239
173	A simplified type-2 fuzzy logic controller for real-time control. ISA Transactions, 2006, 45, 503-516.	5.7	120
174	A type-2 fuzzy logic controller for the liquid-level process. , 0, , .		103
175	A simplified architecture for type-2 FLSs and its application to nonlinear control. , 0, , .		13
176	Type-2 FLS Modeling Capability Analysis. , 0, , .		21
177	Computationally Efficient Type-Reduction Strategies for a Type-2 Fuzzy Logic Controller. , 0, , .		23
178	Acoustic feature analysis in speech emotion primitives estimation. , 0, , .		43
179	Exploring the common principal subspace of deep features in neural networks. Machine Learning, 0, , 1.	5.4	1