

# Amitava Chatterjee

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/3630032/amitava-chatterjee-publications-by-citations.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

138  
papers

3,029  
citations

29  
h-index

51  
g-index

146  
ext. papers

3,563  
ext. citations

4  
avg, IF

5.6  
L-index

#	Paper	IF	Citations
138	Nonlinear inertia weight variation for dynamic adaptation in particle swarm optimization. <i>Computers and Operations Research</i> , <b>2006</b> , 33, 859-871	4.6	392
137	A hybrid cooperative-comprehensive learning based PSO algorithm for image segmentation using multilevel thresholding. <i>Expert Systems With Applications</i> , <b>2008</b> , 34, 1341-1350	7.8	194
136	Cross-correlation aided support vector machine classifier for classification of EEG signals. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 1329-1336	7.8	174
135	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2005</b> , 52, 1478-1489	8.9	144
134	A new social and momentum component adaptive PSO algorithm for image segmentation. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 4998-5004	7.8	117
133	Optimum distributed generation placement with voltage sag effect minimization. <i>Energy Conversion and Management</i> , <b>2012</b> , 53, 163-174	10.6	95
132	Augmented Stable Fuzzy Control for Flexible Robotic Arm Using LMI Approach and Neuro-Fuzzy State Space Modeling. <i>IEEE Transactions on Industrial Electronics</i> , <b>2008</b> , 55, 1256-1270	8.9	89
131	A Hybrid Approach for Design of Stable Adaptive Fuzzy Controllers Employing Lyapunov Theory and Particle Swarm Optimization. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2009</b> , 17, 329-342	8.3	84
130	A Slantlet transform based intelligent system for magnetic resonance brain image classification. <i>Biomedical Signal Processing and Control</i> , <b>2006</b> , 1, 299-306	4.9	83
129	Biogeography-based optimization for constrained optimization problems. <i>Computers and Operations Research</i> , <b>2012</b> , 39, 3293-3304	4.6	64
128	Correlation technique and least square support vector machine combine for frequency domain based ECG beat classification. <i>Medical Engineering and Physics</i> , <b>2010</b> , 32, 1161-9	2.4	61
127	A novel technique for multilevel optimal magnetic resonance brain image thresholding using bacterial foraging. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2008</b> , 41, 1124-1134	4.6	58
126	A Neuro-Fuzzy Assisted Extended Kalman Filter-Based Approach for Simultaneous Localization and Mapping (SLAM) Problems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2007</b> , 15, 984-997	8.3	54
125	An adaptive bacterial foraging algorithm for fuzzy entropy based image segmentation. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 15489-15498	7.8	53
124	Hybridizing Biogeography-Based Optimization With Differential Evolution for Optimal Power Allocation in Wireless Sensor Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2011</b> , 60, 2347-2353	6.8	52
123	Two-stage update biogeography-based optimization using differential evolution algorithm (DBBO). <i>Computers and Operations Research</i> , <b>2011</b> , 38, 1188-1198	4.6	49
122	Support vector machines employing cross-correlation for emotional speech recognition. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2009</b> , 42, 611-618	4.6	44

121	A Fractional-Order Variational Framework for Retinex: Fractional-Order Partial Differential Equation-Based Formulation for Multi-Scale Nonlocal Contrast Enhancement with Texture Preserving. <i>IEEE Transactions on Image Processing</i> , <b>2018</b> , 27, 1214-1229	8.7	42
120	Hybrid multiresolution Slantlet transform and fuzzy c-means clustering approach for normal-pathological brain MR image segregation. <i>Medical Engineering and Physics</i> , <b>2008</b> , 30, 615-23	2.4	42
119	A PSO-Lyapunov Hybrid Stable Adaptive Fuzzy Tracking Control Approach for Vision-Based Robot Navigation. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2012</b> , 61, 1908-1914	5.2	41
118	A PSO-aided neuro-fuzzy classifier employing linguistic hedge concepts. <i>Expert Systems With Applications</i> , <b>2007</b> , 33, 1097-1109	7.8	38
117	An artificial bee colony-least square algorithm for solving harmonic estimation problems. <i>Applied Soft Computing Journal</i> , <b>2013</b> , 13, 2343-2355	7.5	37
116	An improved biogeography based optimization approach for segmentation of human head CT-scan images employing fuzzy entropy. <i>Engineering Applications of Artificial Intelligence</i> , <b>2012</b> , 25, 1698-1709	7.2	36
115	Optimal distributed generation placement in shunt capacitor compensated distribution systems considering voltage sag and harmonics distortions. <i>IET Generation, Transmission and Distribution</i> , <b>2014</b> , 8, 783-797	2.5	35
114	An automated hierarchical gait pattern identification tool employing cross-correlation-based feature extraction and recurrent neural network based classification. <i>Expert Systems</i> , <b>2009</b> , 26, 202-217	2.1	35
113	A Geese PSO tuned fuzzy supervisor for EKF based solutions of simultaneous localization and mapping (SLAM) problems in mobile robots. <i>Expert Systems With Applications</i> , <b>2010</b> , 37, 5542-5548	7.8	35
112	Robust medical image segmentation using particle swarm optimization aided level set based global fitting energy active contour approach. <i>Engineering Applications of Artificial Intelligence</i> , <b>2014</b> , 35, 199-214	7.2	34
111	A Real-Time Palm Dorsa Subcutaneous Vein Pattern Recognition System Using Collaborative Representation-Based Classification. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2015</b> , 64, 959-966	5.2	31
110	A novel binary adaptive weight GSA based feature selection for face recognition using local gradient patterns, modified census transform, and local binary patterns. <i>Engineering Applications of Artificial Intelligence</i> , <b>2014</b> , 33, 80-90	7.2	30
109	A comparative study of adaptation algorithms for nonlinear system identification based on second order Volterra and bilinear polynomial filters. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2011</b> , 44, 1915-1923	4.6	26
108	Volterra kernel based face recognition using artificial bee colony optimization. <i>Engineering Applications of Artificial Intelligence</i> , <b>2013</b> , 26, 1107-1114	7.2	25
107	A Fletcher-Reeves Conjugate Gradient Neural-Network-Based Localization Algorithm for Wireless Sensor Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2010</b> , 59, 823-830	6.8	25
106	Design of an Adaptive Fuzzy-Bias SMC and Validation for a Rugged Electrohydraulic System. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2015</b> , 20, 2708-2715	5.5	22
105	Recognition of Human Behavior for Assisted Living Using Dictionary Learning Approach. <i>IEEE Sensors Journal</i> , <b>2018</b> , 18, 2434-2441	4	21
104	Differential evolution tuned fuzzy supervisor adapted extended Kalman filtering for SLAM problems in mobile robots. <i>Robotica</i> , <b>2009</b> , 27, 411-423	2.1	21

103	Design of second-generation current conveyors employing bacterial foraging optimization. <i>Microelectronics Journal</i> , <b>2010</b> , 41, 616-626	1.8	21
102	An optimized Takagi-Sugeno type neuro-fuzzy system for modeling robot manipulators. <i>Neural Computing and Applications</i> , <b>2006</b> , 15, 55-61	4.8	21
101	Identification of ECG beats from cross-spectrum information aided learning vector quantization. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2011</b> , 44, 2020-2027	4.6	20
100	Electronic Tongue System for Water Sample Authentication: A Slantlet-Transform-Based Approach. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2011</b> , 60, 1959-1966	5.2	20
99	Design of a Hybrid Stable Adaptive Fuzzy Controller Employing Lyapunov Theory and Harmony Search Algorithm. <i>IEEE Transactions on Control Systems Technology</i> , <b>2010</b> ,	4.8	20
98	A novel local extrema based gravitational search algorithm and its application in face recognition using one training image per class. <i>Engineering Applications of Artificial Intelligence</i> , <b>2014</b> , 34, 13-22	7.2	19
97	A palmprint based biometric authentication system using dual tree complex wavelet transform. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2013</b> , 46, 4179-4188	4.6	19
96	Feedback linearizing indirect adaptive fuzzy control with foraging based on-line plant model estimation. <i>Applied Soft Computing Journal</i> , <b>2011</b> , 11, 3441-3450	7.5	19
95	An improved PID-type fuzzy controller employing individual fuzzy P, fuzzy I and fuzzy D controllers. <i>Transactions of the Institute of Measurement and Control</i> , <b>2003</b> , 25, 352-372	1.8	18
94	Development of a real-life EKF based SLAM system for mobile robots employing vision sensing. <i>Expert Systems With Applications</i> , <b>2011</b> , 38, 8266-8274	7.8	17
93	A Lyapunov theory and stochastic optimization based stable adaptive fuzzy control methodology <b>2008</b> ,		17
92	An input-delay neural-network-based approach for piecewise ECG signal compression. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2005</b> , 52, 945-7	5	17
91	. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2010</b> , 59, 3131-3138	5.2	16
90	Neuro-fuzzy state modeling of flexible robotic arm employing dynamically varying cognitive and social component based PSO. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2007</b> , 40, 628-643	4.6	16
89	Harmony search algorithm and Lyapunov theory based hybrid adaptive fuzzy controller for temperature control of air heater system with transport-delay. <i>Applied Soft Computing Journal</i> , <b>2014</b> , 25, 40-50	7.5	15
88	A Random Spatial lbest PSO-Based Hybrid Strategy for Designing Adaptive Fuzzy Controllers for a Class of Nonlinear Systems. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2012</b> , 61, 1605-1612	5.2	14
87	An adaptive fuzzy strategy for motion control of robot manipulators. <i>Soft Computing</i> , <b>2005</b> , 9, 185-193	3.5	14
86	A sparse representation based approach for recognition of power system transients. <i>Engineering Applications of Artificial Intelligence</i> , <b>2014</b> , 30, 137-144	7.2	13

85	Vision Based Autonomous Robot Navigation. <i>Studies in Computational Intelligence</i> , <b>2013</b> ,	0.8	13
84	Fuzzy model predictive control of non-linear processes using convolution models and foraging algorithms. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2013</b> , 46, 1616-1629	4.6	13
83	A two-layered subgoal based mobile robot navigation algorithm with vision system and IR sensors. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2011</b> , 44, 620-641	4.6	13
82	Vision Sensor-Based Shoe Detection for Human Tracking in a HumanRobot Coexisting Environment: A Photometric Invariant Approach Using DBSCAN Algorithm. <i>IEEE Sensors Journal</i> , <b>2019</b> , 19, 4549-4559	4	12
81	Real-time fuzzy-feedforward controller design by bacterial foraging optimization for an electrohydraulic system. <i>Engineering Applications of Artificial Intelligence</i> , <b>2015</b> , 45, 168-179	7.2	11
80	Influential rule search scheme (IRSS) - a new fuzzy pattern classifier. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2004</b> , 16, 881-893	4.2	11
79	OPTICS-Based Template Matching for Vision Sensor-Based Shoe Detection in HumanRobot Coexisting Environments. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2019</b> , 68, 4276-4284	5.2	10
78	Harmony search-based hybrid stable adaptive fuzzy tracking controllers for vision-based mobile robot navigation. <i>Machine Vision and Applications</i> , <b>2014</b> , 25, 405-419	2.8	10
77	MMSE design of nonlinear Volterra equalizers using artificial bee colony algorithm. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2013</b> , 46, 210-219	4.6	10
76	Intelligent phase correction in automatic digital ac bridges by resilient backpropagation neural network. <i>Measurement: Journal of the International Measurement Confederation</i> , <b>2006</b> , 39, 884-891	4.6	10
75	Multi-size patch based collaborative representation for Palm Dorsa Vein Pattern recognition by enhanced ensemble learning with modified interactive artificial bee colony algorithm. <i>Engineering Applications of Artificial Intelligence</i> , <b>2017</b> , 60, 151-163	7.2	9
74	Robust multimodal multivariate ear recognition using kernel based simultaneous sparse representation. <i>Engineering Applications of Artificial Intelligence</i> , <b>2017</b> , 64, 340-351	7.2	9
73	Automated emotion recognition employing a novel modified binary quantum-behaved gravitational search algorithm with differential mutation. <i>Expert Systems</i> , <b>2015</b> , 32, 522-530	2.1	9
72	Development of a Microcontroller-Based Frequency Synthesizer cum Vector Voltmeter. <i>IEEE Sensors Journal</i> , <b>2011</b> , 11, 1033-1034	4	9
71	Classification of overcurrent and inrush current for power system reliability using Slantlet transform and artificial neural network. <i>Expert Systems With Applications</i> , <b>2009</b> , 36, 2391-2399	7.8	9
70	Real-time NIR imaging of Palm Dorsa subcutaneous vein pattern based biometrics: An SRC based approach. <i>IEEE Instrumentation and Measurement Magazine</i> , <b>2016</b> , 19, 13-19	1.4	9
69	A dual-tree complex wavelet transform-based approach for recognition of power system transients. <i>Expert Systems</i> , <b>2015</b> , 32, 132-140	2.1	8
68	Image set based ear recognition using novel dictionary learning and classification scheme. <i>Engineering Applications of Artificial Intelligence</i> , <b>2016</b> , 55, 37-46	7.2	8

67	Hand shape based biometric authentication system using radon transform and collaborative representation based classification <b>2013</b> ,		8
66	A Reinforcement-Learning-Based Fuzzy Compensator for a Microcontroller-Based Frequency Synthesizer/Vector Voltmeter. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2011</b> , 60, 3120-3127	5.2	8
65	PIR Sensor-Based AAL Tool for Human Movement Detection: Modified MCP-Based Dictionary Learning Approach. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2020</b> , 69, 7377-7385	5.2	7
64	A Microcontroller-Based IR Range Finder System With Dynamic Range Enhancement. <i>IEEE Sensors Journal</i> , <b>2010</b> , 10, 1635-1636	4	7
63	Adaptive neural-bias-sliding mode control of rugged electrohydraulic system motion by recurrent Hermite neural network. <i>Control Engineering Practice</i> , <b>2020</b> , 103, 104588	3.9	6
62	Particle Swarm Optimization Based Fast Chan-Vese Algorithm for Medical Image Segmentation. <i>Studies in Computational Intelligence</i> , <b>2017</b> , 49-74	0.8	5
61	A fuzzy membership filtering aided neural network based transmission loss allocation scheme using game theory. <i>Expert Systems With Applications</i> , <b>2012</b> , 39, 3162-3168	7.8	5
60	A PIC microcontroller-based system for real-life interfacing of external peripherals with a mobile robot. <i>International Journal of Electronics</i> , <b>2010</b> , 97, 139-161	1.2	5
59	Improving EKF-based solutions for SLAM problems in Mobile Robots employing Neuro-Fuzzy Supervision <b>2006</b> ,		5
58	A self-organizing fuzzy inference system for electric field optimization of HV electrode systems. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , <b>2001</b> , 8, 995-1002	2.3	5
57	Experimental Study II: Vision-Based Navigation of Mobile Robots. <i>Cognitive Intelligence and Robotics</i> , <b>2018</b> , 243-280	0.1	5
56	Development of a Motion Sensing System Based on Visual Servoing of an Eye-in-Hand Electrohydraulic Parallel Manipulator. <i>IEEE Sensors Journal</i> , <b>2020</b> , 20, 8108-8116	4	4
55	A novel palmprint authentication system by XWT based feature extraction and BFOA based feature selection and optimization <b>2015</b> ,		4
54	Neural Compensation for a Microcontroller Based Frequency Synthesizer-Vector Voltmeter. <i>IEEE Sensors Journal</i> , <b>2011</b> , 11, 1427-1428	4	4
53	A microcontroller-based compensated optical proximity detector employing the switching-mode synchronous detection technique. <i>Measurement Science and Technology</i> , <b>2012</b> , 23, 035102	2	4
52	Modified Bacterial Foraging Optimization Technique for Vector Quantization-Based Image Compression <b>2013</b> , 131-152		4
51	Human Position Estimation Based on Filtered Sonar Scan Matching: A Novel Localization Approach Using DENCLUE. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 8055-8064	4	4
50	Chaos-Based Random Sampling for Photometric Invariant Shoe Detection With Vision Sensor in HumanRobot Coexisting Environments. <i>IEEE Sensors Journal</i> , <b>2020</b> , 20, 5424-5434	4	3

49	Robust-stable quadratic-optimal fuzzy-PDC controllers for systems with parametric uncertainties: A PSO based approach. <i>Engineering Applications of Artificial Intelligence</i> , <b>2018</b> , 70, 38-51	7.2	3
48	Hybrid BBO-DE Algorithms for Fuzzy Entropy-Based Thresholding <b>2013</b> , 37-69		3
47	Collaborative representation based face recognition using a hybrid similarity measure with single training sample per person <b>2014</b> ,		3
46	Simultaneous Localization and Mapping (SLAM) in Mobile Robots. <i>Studies in Computational Intelligence</i> , <b>2013</b> , 167-206	0.8	3
45	Palm Dorsa Vein Pattern based biometric verification system using Anisotropic Generalized Procrustes Analysis on weighted training dictionary. <i>Applied Soft Computing Journal</i> , <b>2019</b> , 85, 105562	7.5	2
44	Advances in evolutionary optimization based image processing. <i>Engineering Applications of Artificial Intelligence</i> , <b>2014</b> , 31, 1-2	7.2	2
43	Mobile Robot Navigation. <i>Studies in Computational Intelligence</i> , <b>2013</b> , 1-20	0.8	2
42	Pose invariant thermal face recognition using patch-wise self-similarity features <b>2017</b> ,		2
41	Vector quantization based image compression using generalized improved fuzzy clustering <b>2014</b> ,		2
40	Bacterial foraging optimization algorithm with varying population for entropy maximization based image segmentation <b>2014</b> ,		2
39	A two-camera-based vision system for image feature identification, feature tracking and distance measurement by a mobile robot. <i>International Journal of Intelligent Defence Support Systems</i> , <b>2011</b> , 4, 351	0	2
38	A novel scheme for feature extraction and classification of magnetic resonance brain images based on Slantlet Transform and Support Vector Machine <b>2008</b> ,		2
37	An Intelligent Method of Impedance Measurement Employing PSO-Aided Neuro-Fuzzy System with LMS Algorithm. <i>IEEE International Conference on Fuzzy Systems</i> , <b>2007</b> ,		2
36	Generalised influential rule search scheme for fuzzy function approximation. <i>Soft Computing</i> , <b>2006</b> , 10, 631-642	3.5	2
35	Application of ANN to thermistor based temperature measurement systems. <i>International Journal of Knowledge-Based and Intelligent Engineering Systems</i> , <b>2005</b> , 9, 231-237	0.5	2
34	Hybrid Correlation-Neural Network Synergy for Gait Signal Classification <b>2013</b> , 263-285		2
33	Lessons learned from using some bio-inspired optimizers for real-time controller design for a low-cost electrohydraulic system. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 48, 638-649	7.5	2
32	An Enhanced Fractal Dimension Based Feature Extraction for Thermal Face Recognition. <i>Asset Analytics</i> , <b>2019</b> , 217-226	0.3	2

31	A Hybrid IRLS-KSVD based Dictionary Learning Algorithm for Human Behavior Recognition <b>2018</b> ,		2
30	BFOA with varying population based feature selection and optimization in palm print authentication [A comparative study <b>2017</b> ,		1
29	An artificial bee colony based optimal placement and sizing of distributed generation <b>2014</b> ,		1
28	Hierarchical Extreme Learning Machine-Polynomial Based Low Valued Capacitance Measurement Using Frequency Synthesizer Vector Voltmeter. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2014</b> , 63, 2180-2187	5.2	1
27	Vision-Based Mobile Robot Navigation Using Subgoals. <i>Studies in Computational Intelligence</i> , <b>2013</b> , 47-82.	0.8	1
26	Vision Based SLAM in Mobile Robots. <i>Studies in Computational Intelligence</i> , <b>2013</b> , 207-222	0.8	1
25	Application of AI techniques for locating mobile terminals in mobile wireless cellular networks: A novel paging scheme. <i>Expert Systems With Applications</i> , <b>2008</b> , 34, 964-976	7.8	1
24	Ear Recognition Using Force Field Transform and Collaborative Representation-Based Classification with Single Training Sample Per Class. <i>Advances in Intelligent Systems and Computing</i> , <b>2015</b> , 511-517	0.4	1
23	Regularized K-SVD-Based Dictionary Learning Approaches for PIR Sensor-Based Detection of Human Movement Direction. <i>IEEE Sensors Journal</i> , <b>2021</b> , 21, 6459-6467	4	1
22	Intelligent Adaptive Fuzzy Control. <i>Cognitive Intelligence and Robotics</i> , <b>2018</b> , 3-21	0.1	1
21	Sonar Sensing-Based Human Leg Localization Using Gaussian Process Regression. <i>Advances in Intelligent Systems and Computing</i> , <b>2022</b> , 1029-1041	0.4	1
20	Interfacing External Peripherals with a Mobile Robot. <i>Studies in Computational Intelligence</i> , <b>2013</b> , 21-46	0.8	0
19	Improved Chan-Vese Image Segmentation Model Using Delta-Bar-Delta Algorithm. <i>Smart Innovation, Systems and Technologies</i> , <b>2014</b> , 267-274	0.5	0
18	A novel disturbance rejection factor based stable direct adaptive fuzzy control strategy for a class of nonlinear systems. <i>Expert Systems</i> , <b>2021</b> , 38, e12651	2.1	0
17	PIR Sensor based Surveillance Tool for Intruder Detection in Secured Environment: A Label Consistency based Modified Sequential Dictionary Learning Approach. <i>IEEE Internet of Things Journal</i> , <b>2022</b> , 1-1	10.7	0
16	CMA-ES Hybrid Design of Robust Stable Adaptive Fuzzy Controllers for Non-linear Systems. <i>Springer Proceedings in Mathematics and Statistics</i> , <b>2018</b> , 145-155	0.2	
15	Indigenous Development of Vision-Based Mobile Robots. <i>Studies in Computational Intelligence</i> , <b>2013</b> , 83-100	0.8	
14	Sample Implementations of Vision-Based Mobile Robot Algorithms. <i>Studies in Computational Intelligence</i> , <b>2013</b> , 101-142	0.8	



- 13 Vision Based Mobile Robot Path/Line Tracking. *Studies in Computational Intelligence*, **2013**, 143-166 0.8
- 12 Fuzzy Controller Design V: Robust Hybrid Adaptive Approaches. *Cognitive Intelligence and Robotics*, **2018**, 175-206 0.1
- 11 Human Behavior Recognition: An l1 l2s KSVD-Based Dictionary Learning and Collaborative Representation-Based Classification. *Lecture Notes in Electrical Engineering*, **2020**, 97-105 0.2
- 10 Neural Network Approaches for EEG Classification **2009**, 165-182
- 9 A Comparative Study of Modified BBO Variants and Other Metaheuristics for Optimal Power Allocation in Wireless Sensor Networks **2013**, 79-110
- 8 Experimental Study I: Temperature Control of an Air Heater System with Transportation Delay. *Cognitive Intelligence and Robotics*, **2018**, 209-242 0.1
- 7 Experimental Study III: Control of Robot Manipulators. *Cognitive Intelligence and Robotics*, **2018**, 281-293 0.1
- 6 Emerging Areas in Intelligent Fuzzy Control and Future Research Scopes. *Cognitive Intelligence and Robotics*, **2018**, 297-300 0.1
- 5 Fuzzy Controller Design I: Stochastic Algorithm-Based Approach. *Cognitive Intelligence and Robotics*, **2018**, 37-75 0.1
- 4 Fuzzy Controller Design II: Lyapunov Strategy-Based Adaptive Approach. *Cognitive Intelligence and Robotics*, **2018**, 79-100 0.1
- 3 Fuzzy Controller Design III: Hybrid Adaptive Approaches. *Cognitive Intelligence and Robotics*, **2018**, 101-156 0.1
- 2 Some Contemporary Stochastic Optimization Algorithms: A Glimpse. *Cognitive Intelligence and Robotics*, **2018**, 23-36 0.1
- 1 Fuzzy Controller Design IV: Hybrid Strategy-Based Robust Approach. *Cognitive Intelligence and Robotics*, **2018**, 159-174 0.1