Haibin Zhu

List of Publications by Citations

173 papers	2,584 citations	28 h-index	46 g-index
243 ext. papers	3,396 ext. citations	3.9 avg, IF	5.75 L-index

#	Paper	IF	Citations
173	A novel feature selection algorithm for text categorization. *Expert Systems With Applications*, **2007**, 33, 1-5	7.8	224
172	An Inner Current Suppressing Method for Modular Multilevel Converters. *IEEE Transactions on Power Electronics*, **2013**, 28, 4873-4879	7.2	190
171	An Improved Pulse Width Modulation Method for Chopper-Cell-Based Modular Multilevel Converters. *IEEE Transactions on Power Electronics*, **2012**, 27, 3472-3481	7.2	167
170	. *IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans*, **2012**, 42, 739-750		146
169	. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2006**, 36, 578-589		140
168	Control of Three-Phase Boost-Type PWM Rectifier in Stationary Frame Under Unbalanced Input Voltage. *IEEE Transactions on Power Electronics*, **2010**, 25, 2521-2530	7.2	80
167	Single-Loop Digital Control of High-Power 400-Hz Ground Power Unit for Airplanes. *IEEE Transactions on Industrial Electronics*, **2010**, 57, 532-543	8.9	79
166	SVM-DT-based adaptive and collaborative intrusion detection. *IEEE/CAA Journal of Automatica Sinica*, **2018**, 5, 108-118	7	56
165	Efficient Role Transfer Based on KuhnMunkres Algorithm. *IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans*, **2012**, 42, 491-496		56
164	. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2008**, 38, 377-396		54
163	Perspectives on Cognitive Informatics and Cognitive Computing. *International Journal of Cognitive Informatics and Natural Intelligence*, **2010**, 4, 1-29	0.9	51
162	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2016**, 46, 535-547	7.3	51
161	Solving the Many to Many assignment problem by improving the KuhnMunkres algorithm with backtracking. *Theoretical Computer Science*, **2016**, 618, 30-41	1.1	50
160	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 3796-3807	7.3	48
159	An Efficient Outpatient Scheduling Approach. *IEEE Transactions on Automation Science and Engineering*, **2012**, 9, 701-709	4.9	40
158	MM Role-Transfer Problems and Their Solutions. *IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans*, **2009**, 39, 448-459		38
157	Optimizing OperatorAgent Interaction in Intelligent Adaptive Interface Design: A Conceptual Framework. *IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews*, **2011**, 41, 161-178		37

156	Role mechanisms in collaborative systems. *International Journal of Production Research*, **2006**, 44, 181-1933	7.8	36
155	A prospect theory-based three-way decision model. *Knowledge-Based Systems*, **2020**, 203, 106129	7.3	34
154	Multi-valued collaborative QoS prediction for cloud service via time series analysis. *Future Generation Computer Systems*, **2017**, 68, 275-288	7.5	34
153	Secure Service Offloading for Internet of Vehicles in SDN-Enabled Mobile Edge Computing. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 3720-3729	6.1	34
152	Hedgehog signaling through GLI1 and GLI2 is required for epithelial-mesenchymal transition in human trophoblasts. *Biochimica Et Biophysica Acta - General Subjects*, **2015**, 1850, 1438-48	4	32
151	Broadband unidirectional electromagnetic mode at interface of anti-parallel magnetized media. *Optics Express*, **2010**, 18, 6914-21	3.3	32
150	Nonreciprocal extraordinary optical transmission through subwavelength slits in metallic film. *Optics Letters*, **2011**, 36, 1308-10	3	29
149	. *IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans*, **2008**, 38, 1442-1450		29
148	Time-aware trustworthiness ranking prediction for cloud services using interval neutrosophic set and ELECTRE. *Knowledge-Based Systems*, **2017**, 138, 27-45	7.3	28
147	A three-phase 10 kVAC-750 VDC power electronic transformer for smart distribution grid **2013**,		28
146	. *IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans*, **2006**, 36, 1110-1123		28
145	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2016**, 46, 76-92	7.3	25
144	Robust Collaborative Filtering Recommendation With User-Item-Trust Records. *IEEE Transactions on Computational Social Systems*, **2021**, 1-11	4.5	24
143	Group Role Assignment With Cooperation and Conflict Factors. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 851-863	7.3	23
142	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 3418-3424	7.3	21
141	Balance Preferences with Performance in Group Role Assignment. *IEEE Transactions on Cybernetics*, **2018**, 48, 1800-1813	10.2	19
140	Hedgehog signaling stimulates the conversion of cholesterol to steroids. *Cellular Signalling*, **2015**, 27, 487-97	4.9	19
139	. *IEEE Systems, Man, and Cybernetics Magazine*, **2015**, 1, 27-36	1.6	17

138	Propagation properties of hollow sinh-Gaussian beams through fractional Fourier transform optical systems. *Optics and Laser Technology*, **2014**, 59, 116-122	4.2	16
137	Fractional Fourier transform for confluent hypergeometric beams. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2012**, 376, 2627-2631	2.3	16
136	Ascorbic acid uptaken by sodium-dependent vitamin C transporter 2 induces βCG expression through Sp1 and TFAP2A transcription factors in human choriocarcinoma cells. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, E1667-76	5.6	16
135	**2009**,		16
134	Analysis of the minimal privacy disclosure for web services collaborations with role mechanisms. *Expert Systems With Applications*, **2011**, 38, 4540-4549	7.8	14
133	Methodology first and language second **2003**,		13
132	An Improved kNN Algorithm Fuzzy kNN. *Lecture Notes in Computer Science*, **2005**, 741-746	0.9	13
131	Collaborative Optimization of Service Composition for Data-Intensive Applications in a Hybrid Cloud. *IEEE Transactions on Parallel and Distributed Systems*, **2019**, 30, 1022-1035	3.7	13
130	Adaptive Collaboration Based on the E-CARGO Model. *International Journal of Agent Technologies and Systems*, **2012**, 4, 59-76		12
129	Computational Social Simulation With E-CARGO: Comparison Between Collectivism and Individualism. *IEEE Transactions on Computational Social Systems*, **2020**, 7, 1345-1357	4.5	12
128	Solving the Tree-Structured Task Allocation Problem via Group Multirole Assignment. *IEEE Transactions on Automation Science and Engineering*, **2020**, 17, 41-55	4.9	12
127	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 633-645	7.3	12
126	Dehydroascorbic acid taken up by glucose transporters stimulates estradiol production through inhibition of JNK/c-Jun/AP1 signaling in JAR cells. *Molecular Human Reproduction*, **2014**, 20, 799-809	4.4	11
125	Minimal privacy authorization in web services collaboration. *Computer Standards and Interfaces*, **2011**, 33, 332-343	3.5	11
124	**2009**,		11
123	Asymmetric transmission through metallic grating with dielectric substrate. *Optics Communications*, **2014**, 318, 41-46	2	10
122	Design of Power Electronic Transformer Based on Modular Multilevel Converter **2012**,		10
121	An Algorithm to Improve the Effectiveness of Apriori **2007**,		10

120	Variation-aware Cloud Service Selection via Collaborative QoS Prediction. *IEEE Transactions on Services Computing*, **2020**, 1-1	4.8	10
119	Extraordinary Coupling Into One-Way Magneto-Optical Photonic Crystal Waveguide. *Journal of Lightwave Technology*, **2011**, 29, 708-713	4	9
118	Agent evaluations for role assignment **2009**,		9
117	. *IEEE/CAA Journal of Automatica Sinica*, **2020**, 7, 1498-1510	7	9
116	Optical Isolation Based on Nonreciprocal Micro-Ring Resonator. *Journal of Lightwave Technology*, **2011**, 29, 1647-1651	4	8
115	An Improved Algorithm of Bayesian Text Categorization. *Journal of Software*, **2011**, 6,	3	8
114	Avoiding Critical Members in a Team by Redundant Assignment. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 2729-2740	7.3	8
113	Distributing UAVs as Wireless Repeaters in Disaster Relief via Group Role Assignment. *International Journal of Cooperative Information Systems*, **2020**, 29, 2040002	0.6	8
112	Research on automatic focusing technique based on image autocollimation. *Optik*, **2016**, 127, 148-151	2.5	7
111	Secure and economical multi-cloud storage policy with NSGA-II-C. *Applied Soft Computing Journal*, **2019**, 83, 105649	7.5	7
110	Vitamin C deficiency exacerbates diabetic glomerular injury through activation of transforming growth factor-βsignaling. *Biochimica Et Biophysica Acta - General Subjects*, **2017**, 1861, 2186-2195	4	7
109	Verification of Privacy Requirements in Web Services Composition **2010**,		7
108	A Cooperative Intrusion Detection Model for Cloud Computing Networks. *International Journal of Security and Its Applications*, **2014**, 8, 107-118	2	7
107	Role-Based Autonomic Systems. *International Journal of Software Science and Computational Intelligence*, **2010**, 2, 32-51	1.4	7
106	A Collaborative and Adaptive Intrusion Detection Based on SVMs and Decision Trees **2014**,		6
105	A novel inner current suppressing method for modular multilevel converters **2012**,		6
104	Establishing the foundation of adaptive collaboration **2010**,		6
103	A visualized tool of role transfer. *Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics*, **2008**,	2	6

102	Solving the Exam Scheduling Problem with GRA+ **2020**,		6
101	Naive Bayesian Classifier Based on the Improved Feature Weighting Algorithm. *Communications in Computer and Information Science*, **2011**, 142-147	0.3	6
100	The propagation of hypergeometric beams through an annular apertured paraxial ABCD optical system. *Laser Physics*, **2014**, 24, 125002	1.2	5
99	Restrain mental workload with roles in HCI **2009**,		5
98	Propagation of Bessel-Gaussian beams through a double-apertured fractional Fourier transform optical system. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **2012**, 29, 1728-33	1.8	5
97	A Cooperative Intrusion Detection Model Based on Granular Computing and Agent Technologies. *International Journal of Agent Technologies and Systems*, **2013**, 5, 54-74		5
96	Agent Categorization With Group Role Assignment With Constraints and Simulated Annealing. *IEEE Transactions on Computational Social Systems*, **2020**, 7, 1234-1245	4.5	5
95	Solving Last-Mile Logistics Problem in Spatiotemporal Crowdsourcing via Role Awareness With Adaptive Clustering. *IEEE Transactions on Computational Social Systems*, **2021**, 8, 668-681	4.5	5
94	A two-dimensional generalized thermo-hydro-mechanical-coupled problem for a poroelastic half-space. *Waves in Random and Complex Media*, **2020**, 30, 738-758	1.9	5
93	A Lightweight Social Computing Approach to Emergency Management Policy Selection. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2016**, 46, 1075-1087	7.3	4
92	Thrust Control of a Double-Sided Linear Induction Motor With Segmented Power Supply. *IEEE Transactions on Industrial Electronics*, **2019**, 66, 4891-4900	8.9	4
91	Group role assignment with agentsPbusyness degrees **2017**,		4
90	**2013**,		4
89	**2011**,		4
88	**2009**,		4
87	**2011**,		4
86	An Adaptive Fuzzy kNN Text Classifier. *Lecture Notes in Computer Science*, **2006**, 216-223	0.9	4
85	DYNAMIC RESPONSE OF COUPLED THERMO-HYDRO-ELASTODYNAMIC PROBLEM FOR SATURATED FOUNDATION UNDER G-L GENERALIZED THERMOELASTICITY. *Journal of Porous Media*, **2019**, 22, 1651-1666	2.9	4

84	Role-Based Human-Computer Interactions. *International Journal of Cognitive Informatics and Natural Intelligence*, **2011**, 5, 37-57	0.9	4
83	. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 3731-3740	7.3	4
82	Resource Utilization-Aware Collaborative Optimization of IaaS Cloud Service Composition for Data-Intensive Applications. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 1322-1333	7.3	4
81	Why Did Mr. Trump Oppose Globalization? An E-CARGO Approach. *IEEE Transactions on Computational Social Systems*, **2021**, 1-11	4.5	4
80	Research on detection system of optical sights triaxial parallelism. *Optik*, **2014**, 125, 4427-4430	2.5	3
79	Adaptive Collaboration Systems: Self-Sustaining Systems for Optimal Performance. *IEEE Systems, Man, and Cybernetics Magazine*, **2015**, 1, 8-15	1.6	3
78	Effective approaches to Adaptive Collaboration **2014**,		3
77	Small-signal stability analysis of parallel-connected inverters based on time-varying phasor **2011**,		3
76	Issues in Adaptive Collaboration **2010**,		3
75	**2010**,		3
74	An Adaptive Fuzzy kNN Text Classifier Based on Gini Index Weight **2006**,		3
73	Role-Based Multi-Agent Systems254-285		3
72	Role-Based Chatting. *Journal of Software*, **2008**, 3,	3	3
71	From WYSIWIS to WISINWIS: role-based collaboration		3
70	Role Assignment for an Agent Group in Consideration of Conflicts among Agents. *Lecture Notes in Computer Science*, **2012**, 267-279	0.9	3
69	A Two-Layer Approach to Developing Self-Adaptive Multi-Agent Systems in Open Environment. *International Journal of Agent Technologies and Systems*, **2014**, 6, 65-85		3
68	Predict Team Performance with E-CARGO **2018**,		3
67	A Collaborative Intrusion Detection Model using a novel optimal weight strategy based on Genetic Algorithm for Ensemble Classifier **2018**,		3

66   Group Multi-Role Assignment with Coupled Roles **2019**,   2

65   **2017**,   2

64   A Role-Permission Assignment Method of RBAC Involved Conflicting Constraints under E-CARGO. *International Journal of Cognitive Informatics and Natural Intelligence*, **2015**, 9, 49-64   0.9   2

63   **2014**,   2

62   Effective approaches to group role assignment with a flexible formation **2014**,   2

61   Agent training plan for sustainable groups **2012**,   2

60   Autonomous role discovery for collaborating agents. *Software - Practice and Experience*, **2012**, 42, 707-731   2

59   A Least-Laxity-First Scheduling Algorithm of Variable Time Slice for Periodic Tasks. *International Journal of Software Science and Computational Intelligence*, **2010**, 2, 86-104   1.4   2

58   Control of three-phase PWM rectifier under unbalanced input voltage conditions without sequential component extraction **2010**,   2

57   Enabling dynamic roles for agents **2011**,   2

56   Design and Performance Analysis of High Power Static 400-Hz Supply **2009**,   2

55   A novel feature weight algorithm for text categorization **2008**,   2

54   An Improved Least-Laxity-First Scheduling Algorithm of Variable Time Slice for Periodic Tasks **2007**,   2

53   Separating Designs from Implementations: Role-Based Software Development **2006**,   2

52   A Role-Based Approach to Robot Agent Team Design **2006**,   2

51   Quasi Group Role Assignment With Role Awareness in Self-Service Spatiotemporal Crowdsourcing. *IEEE Transactions on Computational Social Systems*, **2022**, 1-13   4.5   2

50   Evaluation on the immunotherapy efficacies of synthetic peptide vaccines in asthmatic mice with group I and II allergens from Dermatophagoides pteronyssinus. *International Journal of Clinical and Experimental Medicine*, **2015**, 8, 20402-12   2

49   **2019**,   2

48	Using Group Role Assignment to Solve Dynamic Vehicle Routing Problem **2019**,		1
47	Support Collaboration with Roles **2015**, 575-598		1
46	Big Data and Collaboration Research: Creating Real Big Data. *IEEE Systems, Man, and Cybernetics Magazine*, **2018**, 4, 16-19	1.6	1
45	A cooperative multi-classifier method for local area meteorological data mining **2014**,		1
44	The thrust fluctuation suppression of segmented double sided linear induction motor **2017**,		1
43	Resource allocation policy based on trust in the multi-cloud environment **2017**,		1
42	An accelerated simulation model for the isolation stage of the smart energy router system **2015**,		1
41	Policy evaluation and analysis of choosing whom to tweet information on social media **2014**,		1
40	Agent Evaluation in Distributed Adaptive Systems **2013**,		1
39	Intelligent Decision-Making System Based on Data Mining **2009**,		1
38	A new digital control method for high performance 400 Hz ground power unit **2008**,		1
37	Implementing a Tool for Role-Based Collaboration **2006**,		1
36	Building reusable components with service-oriented architectures		1
35	Some issues of role-based collaboration		1
34	Role-Based Autonomic Systems165-184		1
33	Towards Multiple-Layer Self-Adaptations of Multi-Agent Organizations Using Reinforcement Learning. *Advances in Computational Intelligence and Robotics Book Series*,66-95	0.4	1
32	Role-Based Collaboration **2021**, 69-102		1
31	Agent Evaluation in Deployment of Multi-SUAVs for Communication Recovery. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-1	7.3	1

List of Publications