

Hamid Beigy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7984787/publications.pdf>

Version: 2024-02-01

112
papers

1,831
citations

279487

23
h-index

329751

37
g-index

114
all docs

114
docs citations

114
times ranked

1049
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid multi-document summarization using pre-trained language models. Expert Systems With Applications, 2022, 192, 116292.	4.4	14
2	Attention-based skill translation models for expert finding. Expert Systems With Applications, 2022, 193, 116433.	4.4	10
3	Structural virality estimation and maximization in diffusion networks. Expert Systems With Applications, 2022, , 117657.	4.4	0
4	Masked Autoencoder for Distribution Estimation on Small Structured Data Sets. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4997-5007.	7.2	3
5	A sampling method based on distributed learning automata for solving stochastic shortest path problem. Knowledge-Based Systems, 2021, 212, 106638.	4.0	3
6	A distributed density estimation algorithm and its application to naive Bayes classification. Applied Soft Computing Journal, 2021, 98, 106837.	4.1	14
7	Automatic Image Annotation using Tag Relations and Graph Convolutional Networks. , 2021, , .		5
8	Learning a metric when clustering data points in the presence of constraints. Advances in Data Analysis and Classification, 2020, 14, 29-56.	0.9	3
9	Supervised fuzzy partitioning. Pattern Recognition, 2020, 97, 107013.	5.1	6
10	An iterative stochastic algorithm based on distributed learning automata for finding the stochastic shortest path in stochastic graphs. Journal of Supercomputing, 2020, 76, 5540-5562.	2.4	3
11	The Shapley value for a fair division of group discounts for coordinating cooling loads. PLoS ONE, 2020, 15, e0227049.	1.1	11
12	Improved K2 algorithm for Bayesian network structure learning. Engineering Applications of Artificial Intelligence, 2020, 91, 103617.	4.3	44
13	Deep submodular network: An application to multi-document summarization. Expert Systems With Applications, 2020, 152, 113392.	4.4	7
14	Density peaks clustering based on density backbone and fuzzy neighborhood. Pattern Recognition, 2020, 107, 107449.	5.1	67
15	Revert Propagation: Who are responsible for a contagion initialization in a Diffusion Network?. , 2020, , .		1
16	A minimum data set of user profile or electronic health record for chemical warfare victims' recommender system. Journal of Family Medicine and Primary Care, 2020, 9, 2995.	0.3	1
17	Viral Cascade Probability Estimation and Maximization in Diffusion Networks. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 589-600.	4.0	7
18	Sentiment analysis on stock social media for stock price movement prediction. Engineering Applications of Artificial Intelligence, 2019, 85, 569-578.	4.3	80

#	ARTICLE	IF	CITATIONS
19	Concept-evolution detection in non-stationary data streams: a fuzzy clustering approach. Knowledge and Information Systems, 2019, 60, 1329-1352.	2.1	12
20	Quantitative EEG features selection in the classification of attention and response control in the children and adolescents with attention deficit hyperactivity disorder. Future Science OA, 2018, 4, FSO292.	0.9	15
21	A graph-theoretic approach toward autonomous skill acquisition in reinforcement learning. Evolving Systems, 2018, 9, 227-244.	2.4	4
22	Detection of evolving concepts in non-stationary data streams: A multiple kernel learning approach. Expert Systems With Applications, 2018, 91, 187-197.	4.4	23
23	Designing a Clinical Decision Support System for Recommending Computerized Cognitive Rehabilitation Programs: the Experience of Attention Deficit Hyperactivity Disorder. , 2018, , .		0
24	Scalable Architecture for Telemonitoring Chronic Diseases in Order to Support the CDSSs in a Common Platform. Acta Informatica Medica, 2018, 26, 195.	0.5	7
25	On dynamicity of expert finding in community question answering. Information Processing and Management, 2017, 53, 1026-1042.	5.4	75
26	Associative cellular learning automata and its applications. Applied Soft Computing Journal, 2017, 53, 1-18.	4.1	28
27	Expectation propagation for large scale Bayesian inference of non-linear molecular networks from perturbation data. PLoS ONE, 2017, 12, e0171240.	1.1	5
28	A novel concept drift detection method in data streams using ensemble classifiers. Intelligent Data Analysis, 2016, 20, 1329-1350.	0.4	14
29	Cascading randomized weighted majority: A new online ensemble learning algorithm. Intelligent Data Analysis, 2016, 20, 877-889.	0.4	3
30	Critic learning in multi agent credit assignment problem. Journal of Intelligent and Fuzzy Systems, 2016, 30, 3465-3480.	0.8	5
31	A support vector based approach for classification beyond the learned label space in data streams. , 2016, , .		7
32	An ensemble of cluster-based classifiers for semi-supervised classification of non-stationary data streams. Knowledge and Information Systems, 2016, 46, 567-597.	2.1	58
33	Novel class detection in data streams using local patterns and neighborhood graph. Neurocomputing, 2015, 158, 234-245.	3.5	22
34	Incremental RotBoost algorithm: An application for spam filtering. Intelligent Data Analysis, 2015, 19, 449-468.	0.4	3
35	A cooperative learning method based on cellular learning automata and its application in optimization problems. Journal of Computational Science, 2015, 11, 279-288.	1.5	19
36	A learning automata-based adaptive uniform fractional guard channel algorithm. Journal of Supercomputing, 2015, 71, 871-893.	2.4	9

#	ARTICLE	IF	CITATIONS
37	Active constrained fuzzy clustering: A multiple kernels learning approach. Pattern Recognition, 2015, 48, 953-967.	5.1	30
38	WISECODE: wise image segmentation based on community detection. Imaging Science Journal, 2014, 62, 327-336.	0.2	3
39	A new fuzzy negotiation protocol for grid resource allocation. Journal of Network and Computer Applications, 2014, 37, 89-126.	5.8	18
40	A new real-coded Bayesian optimization algorithm based on a team of learning automata for continuous optimization. Genetic Programming and Evolvable Machines, 2014, 15, 169-193.	1.5	24
41	Expert group formation using facility location analysis. Information Processing and Management, 2014, 50, 361-383.	5.4	20
42	A localization algorithm for large scale mobile wireless sensor networks: a learning approach. Journal of Supercomputing, 2014, 69, 98-120.	2.4	16
43	Integration of scientific and social networks. World Wide Web, 2014, 17, 1051-1079.	2.7	18
44	Expertise Finding in Bibliographic Network: Topic Dominance Learning Approach. IEEE Transactions on Cybernetics, 2014, 44, 2646-2657.	6.2	29
45	Active selection of clustering constraints: a sequential approach. Pattern Recognition, 2014, 47, 1443-1458.	5.1	19
46	Expertness framework in multi-agent systems and its application in credit assignment problem. Intelligent Data Analysis, 2014, 18, 511-528.	0.4	6
47	Exploiting Structural Information of Data in Active Learning. Lecture Notes in Computer Science, 2014, , 796-808.	1.0	2
48	A NEW ENSEMBLE METHOD FOR FEATURE RANKING IN TEXT MINING. International Journal on Artificial Intelligence Tools, 2013, 22, 1350010.	0.7	9
49	Negotiation strategies considering market, time and behavior functions for resource allocation in computational grid. Journal of Supercomputing, 2013, 66, 1350-1389.	2.4	20
50	Expertise retrieval in bibliographic network. , 2013, , .		23
51	A Joint Classification Method to Integrate Scientific and Social Networks. Lecture Notes in Computer Science, 2013, , 122-133.	1.0	3
52	A novel graphical approach to automatic abstraction in reinforcement learning. Robotics and Autonomous Systems, 2013, 61, 821-835.	3.0	16
53	Using a classifier pool in accuracy based tracking of recurring concepts in data stream classification. Evolving Systems, 2013, 4, 43-60.	2.4	26
54	Market_based grid resource allocation using new negotiation model. Journal of Network and Computer Applications, 2013, 36, 543-565.	5.8	24

#	ARTICLE	IF	CITATIONS
55	Inferring signaling pathways using interventional data. Intelligent Data Analysis, 2013, 17, 295-308.	0.4	1
56	An algorithm for discovering clusters of different densities or shapes in noisy data sets. , 2013, , .		2
57	An adaptive regression tree for non-stationary data streams. , 2013, , .		7
58	A GENETIC PROGRAMMING-BASED LEARNING ALGORITHMS FOR PRUNING COST-SENSITIVE CLASSIFIERS. International Journal of Computational Intelligence and Applications, 2012, 11, 1250011.	0.6	4
59	A NEW GENETIC ALGORITHM FOR MULTIPLE SEQUENCE ALIGNMENT. International Journal of Computational Intelligence and Applications, 2012, 11, 1250023.	0.6	5
60	Multi-aspect group formation using facility location analysis. , 2012, , .		3
61	Learning to filter spam emails: An ensemble learning approach. International Journal of Hybrid Intelligent Systems, 2012, 9, 27-43.	0.9	4
62	A new method of mining data streams using harmony search. Journal of Intelligent Information Systems, 2012, 39, 491-511.	2.8	12
63	New Management Operations on Classifiers Pool to Track Recurring Concepts. Lecture Notes in Computer Science, 2012, , 327-339.	1.0	12
64	Semi-supervised Ensemble Learning of Data Streams in the Presence of Concept Drift. Lecture Notes in Computer Science, 2012, , 526-537.	1.0	14
65	User Based Call Admission Control Algorithms for Cellular Mobile Systems. , 2012, , 1461-1493.		0
66	Pool and Accuracy Based Stream Classification: A New Ensemble Algorithm on Data Stream Classification Using Recurring Concepts Detection. , 2011, , .		12
67	An incremental spam detection algorithm. , 2011, , .		2
68	New ensemble method for classification of data streams. , 2011, , .		0
69	New Drift Detection Method for Data Streams. Lecture Notes in Computer Science, 2011, , 88-97.	1.0	30
70	Learning automata based dynamic guard channel algorithms. Computers and Electrical Engineering, 2011, 37, 601-613.	3.0	17
71	Special issue on network-based high performance computing. Journal of Supercomputing, 2010, 53, 1-4.	2.4	2
72	A new distributed uplink packet scheduling algorithm in WiMAX networks. , 2010, , .		8

#	ARTICLE	IF	CITATIONS
73	Cellular Learning Automata With Multiple Learning Automata in Each Cell and Its Applications. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 54-65.	5.5	75
74	Addition of learning to critic agent as a solution to the multi-agent credit assignment problem. , 2009, , .		1
75	ADAPTIVE LIMITED FRACTIONAL GUARD CHANNEL ALGORITHMS: A LEARNING AUTOMATA APPROACH. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2009, 17, 881-913.	0.9	13
76	CELLULAR LEARNING AUTOMATA BASED DYNAMIC CHANNEL ASSIGNMENT ALGORITHMS. International Journal of Computational Intelligence and Applications, 2009, 08, 287-314.	0.6	25
77	A learning automata-based algorithm for determination of the number of hidden units for three-layer neural networks. International Journal of Systems Science, 2009, 40, 101-118.	3.7	36
78	An Evolutionary Approach to Generalized Mirror Sites Problem. , 2009, , .		0
79	Toward a Solution to Multi-agent Credit Assignment Problem. , 2009, , .		6
80	A new call admission control scheme based on new call bounding and thinning II schemes in cellular mobile networks. , 2009, , .		6
81	Cellular learning automata with external input and its applications in pattern recognition. , 2009, , .		0
82	Dynamic classifier selection using clustering for spam detection. , 2009, , .		4
83	Using Strongly Connected Components as a Basis for Autonomous Skill Acquisition in Reinforcement Learning. Lecture Notes in Computer Science, 2009, , 794-803.	1.0	7
84	A new fractional call admission control scheme in intergrated cellular network. , 2009, , .		3
85	Automatic Discovery of Subgoals in Reinforcement Learning Using Strongly Connected Components. Lecture Notes in Computer Science, 2009, , 829-834.	1.0	15
86	IMPROVING HANDOVER LATENCY BY USING CROSS-LAYER DIRECT COMMUNICATION MODEL IN IEEE 802.16E BROADBAND WIRELESS ACCESS NETWORKS. , 2009, , .		1
87	Asynchronous cellular learning automata. Automatica, 2008, 44, 1350-1357.	3.0	55
88	Investigating the Baldwin effect on Cartesian Genetic Programming efficiency. , 2008, , .		2
89	Knapsack Model for Pixel Based Skin Detection. , 2008, , .		4
90	Spam Detection Using Dynamic Weighted Voting Based on Clustering. , 2008, , .		8

#	ARTICLE	IF	CITATIONS
91	Using PCA to improve evolutionary cellular automata algorithms. , 2008, , .		6
92	Genetic Ink Drop Spread. , 2008, , .		13
93	Solving Stochastic Path Problem: Particle Swarm Optimization Approach. Lecture Notes in Computer Science, 2008, , 590-600.	1.0	2
94	OPEN SYNCHRONOUS CELLULAR LEARNING AUTOMATA. International Journal of Modeling, Simulation, and Scientific Computing, 2007, 10, 527-556.	0.9	39
95	Quine-McCluskey Classification. , 2007, , .		4
96	A New Learning Algorithm for the Maxq Hierarchical Reinforcement Learning Method. , 2007, , .		4
97	A new continuous action-set learning automaton for function optimization. Journal of the Franklin Institute, 2006, 343, 27-47.	1.9	46
98	UTILIZING DISTRIBUTED LEARNING AUTOMATA TO SOLVE STOCHASTIC SHORTEST PATH PROBLEMS. International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, 2006, 14, 591-615.	0.9	88
99	A general call admission policy for next generation wireless networks. Computer Communications, 2005, 28, 1798-1813.	3.1	21
100	An adaptive call admission algorithm for cellular networks. Computers and Electrical Engineering, 2005, 31, 132-151.	3.0	19
101	A MATHEMATICAL FRAMEWORK FOR CELLULAR LEARNING AUTOMATA. International Journal of Modeling, Simulation, and Scientific Computing, 2004, 07, 295-319.	0.9	121
102	A Self-Organizing Channel Assignment Algorithm: A Cellular Learning Automata Approach. Lecture Notes in Computer Science, 2003, , 119-126.	1.0	32
103	An Adaptive Uniform Fractional Guard Channel Algorithm: A Learning Automata Approach. Lecture Notes in Computer Science, 2003, , 405-409.	1.0	5
104	Multi-threshold Guard Channel Policy for Next Generation Wireless Networks. Lecture Notes in Computer Science, 2003, , 755-762.	1.0	0
105	NEW LEARNING AUTOMATA BASED ALGORITHMS FOR ADAPTATION OF BACKPROPAGATION ALGORITHM PARAMETERS. International Journal of Neural Systems, 2002, 12, 45-67.	3.2	49
106	A note on learning automata-based schemes for adaptation of BP parameters. Neurocomputing, 2002, 48, 957-974.	3.5	35
107	Call Admission Control in Cellular Mobile Networks: A Learning Automata Approach. Lecture Notes in Computer Science, 2002, , 450-457.	1.0	9
108	A Learning Automata Based Dynamic Guard Channel Scheme. Lecture Notes in Computer Science, 2002, , 643-650.	1.0	10

#	ARTICLE	IF	CITATIONS
109	Utilization of Fixed Structure Learning Automata for Adaptation of Learning Rate in Backpropagation Algorithm. Journal of Applied Sciences, 2002, 2, 437-443.	0.1	3
110	BACKPROPAGATION ALGORITHM ADAPTATION PARAMETERS USING LEARNING AUTOMATA. International Journal of Neural Systems, 2001, 11, 219-228.	3.2	16
111	Adaptation of parameters of BP algorithm using learning automata. , 0, , .		14
112	User Based Call Admission Control Algorithms for Cellular Mobile Systems. Advances in Wireless Technologies and Telecommunication Book Series, 0, , 151-182.	0.3	0