Fabrício Enembreck

List of Publications by Year
in descending order

105 papers	1,736 citations	623734 14 h-index	315739 38 g-index
110 all docs	110 docs citations	110 times ranked	1444 citing authors

#	Article	IF	Citations
1	Adaptive random forests for evolving data stream classification. Machine Learning, 2017, 106, 1469-1495.	5.4	415
2	A Survey on Ensemble Learning for Data Stream Classification. ACM Computing Surveys, 2018, 50, 1-36.	23.0	342
3	The Need for Affective Trust Applied to Trust and Reputation Models. ACM Computing Surveys, 2018, 50, 1-36.	23.0	197
4	A survey on feature drift adaptation: Definition, benchmark, challenges and future directions. Journal of Systems and Software, 2017, 127, 278-294.	4.5	76
5	Trust and Reputation Models for Multiagent Systems. ACM Computing Surveys, 2015, 48, 1-42.	23.0	53
6	Distributed Constraint Optimization Problems: Review and perspectives. Expert Systems With Applications, 2014, 41, 5139-5157.	7.6	36
7	A framework for dynamic classifier selection oriented by the classification problem difficulty. Pattern Recognition, 2018, 76, 175-190.	8.1	36
8	Merit-guided dynamic feature selection filter for data streams. Expert Systems With Applications, 2019, 116, 227-242.	7.6	28
9	Lessons learned from data stream classification applied to credit scoring. Expert Systems With Applications, 2020, 162, 113899.	7.6	28
10	Boosting decision stumps for dynamic feature selection on data streams. Information Systems, 2019, 83, 13-29.	3.6	24
11	On Dynamic Feature Weighting for Feature Drifting Data Streams. Lecture Notes in Computer Science, 2016, , 129-144.	1.3	21
12	SNCStream. , 2015, , .		20
13	LEARNING DRIFTING NEGOTIATIONS. Applied Artificial Intelligence, 2007, 21, 861-881.	3.2	17
14	Interaction Models for Multiagent Reinforcement Learning. , 2008, , .		17
15	Generating action plans for poultry management using artificial neural networks. Computers and Electronics in Agriculture, 2019, 161, 131-140.	7.7	17
16	Contribution of data complexity features on dynamic classifier selection. , 2016, , .		16
17	SNCStream+: Extending a high quality true anytime data stream clustering algorithm. Information Systems, 2016, 62, 60-73.	3.6	15
18	Cost-sensitive learning for imbalanced data streams. , 2020, , .		14

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19	A learning agent to help drive vehicles. , 2009, , .		13
20	SFNClassifier. , 2014, , .		13
21	SAE2. , 2014, , .		13
22	A Survey on Feature Drift Adaptation. , 2015, , .		12
23	A case study of batch and incremental recommender systems in supermarket data under concept drifts and cold start. Expert Systems With Applications, 2021, 176, 114890.	7.6	12
24	WEB Image Classification Based on the Fusion of Image and Text Classifiers. Proc Int Conf Doc Anal Recognit, 2007, , .	0.0	11
25	Distributed constraint optimization with MULBS: A case study on collaborative meeting scheduling. Journal of Network and Computer Applications, 2012, 35, 164-175.	9.1	11
26	Railroad Driving Model Based on Distributed Constraint Optimization. , 2009, , .		10
27	A Multiagent Framework for Self-Healing Mechanisms Considering Priority-Based Load Shedding and Islanding with Distributed Generation in Smart Distribution Grids. IEEE Latin America Transactions, 2017, 15, 632-638.	1.6	10
28	Lessons learned from a simulated environment for trains conduction. , 2012, , .		9
29	SAE: Social Adaptive Ensemble classifier for data streams. , 2013, , .		9
30	Improving Credit Risk Prediction in Online Peer-to-Peer (P2P) Lending Using Imbalanced Learning Techniques. , 2017, , .		9
31	ELA?A new Approach for Learning Agents. Autonomous Agents and Multi-Agent Systems, 2005, 10, 215-248.	2.1	8
32	A multi-agent approach to optimal channel assignment in WLANs. , 2012, , .		8
33	Channel allocation algorithms for WLANs using distributed optimization. AEU - International Journal of Electronics and Communications, 2012, 66, 480-490.	2.9	8
34	Analyzing the Impact of Feature Drifts in Streaming Learning. Lecture Notes in Computer Science, 2015, , 21-28.	1.3	8
35	Agents for Collaborative Filtering. Lecture Notes in Computer Science, 2003, , 184-191.	1.3	7
36	WEB Image Classification using Classifier Combination. IEEE Latin America Transactions, 2008, 6, 661-671.	1.6	7

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37	A social approach for learning agents. Expert Systems With Applications, 2013, 40, 1902-1916.	7.6	7
38	Advances on Concept Drift Detection in Regression Tasks Using Social Networks Theory. International Journal of Natural Computing Research, 2015, 5, 26-41.	0.5	7
39	An investigation of the hoeffding adaptive tree for the problem of network intrusion detection. , 2017, , .		7
40	CSBF: A static ensemble fusion method based on the centrality score of complex networks. Computational Intelligence, 2020, 36, 522-556.	3.2	7
41	Learning regularized hoeffding trees from data streams. , 2019, , .		7
42	Multi-agent based internet search. International Journal of Product Lifecycle Management, 2007, 2, 135.	0.3	6
43	LEARNING NEGOTIATION POLICIES USING ENSEMBLE-BASED DRIFT DETECTION TECHNIQUES. International Journal on Artificial Intelligence Tools, 2009, 18, 173-196.	1.0	6
44	Using asymmetric keys in a certified trust model for multiagent systems. Expert Systems With Applications, 2011, 38, 1233-1240.	7.6	6
45	A sociologically inspired heuristic for optimization algorithms: A case study on ant systems. Expert Systems With Applications, 2013, 40, 1814-1826.	7.6	6
46	Reinforcement Learning with Multiple Shared Rewards. Procedia Computer Science, 2016, 80, 855-864.	2.0	6
47	A Learning Model for Intelligent Agents Applied to Poultry Farming. , 2015, , .		5
48	Noise Tolerance in Reinforcement Learning Algorithms. , 2007, , .		4
49	Improving bilateral negotiation with evolutionary learning. , 2008, , .		4
50	A strategy for converging dynamic action policies. , 2009, , .		4
51	Encrypted certified trust in multi-agent system. , 2009, , .		4
52	Towards an optimal driving trains in single line using crossing loops. , 2011, , .		4
53	Pairwise combination of classifiers for ensemble learning on data streams. , 2015, , .		4
54	An Advanced Software Tool to Simulate Service Restoration Problems: a case study on Power Distribution Systems. Procedia Computer Science, 2017, 108, 675-684.	2.0	4

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55	An awareness mechanism for enhancing cooperation in design teams. , 2005, , .		3
56	Multiagent-Based Model Integration. , 2006, , .		3
57	Planning transport of crude oil derivatives with simultaneous auctions. , 2010, , .		3
58	Improving the Distributed Constraint Optimization Using Social Network Analysis. Lecture Notes in Computer Science, 2010, , 243-252.	1.3	3
59	An intelligent system for driving trains using Case-Based Reasoning. , 2012, , .		3
60	An architecture of BDI agent for autonomous locomotives controller. , 2012, , .		3
61	A multi-layer architecture proposal for conducting trains employing CBR. , 2014, , .		3
62	A benchmark of classifiers on feature drifting data streams. , 2016, , .		3
63	A two-step cascade classification method. , 2017, , .		3
64	Personalizing Information Retrieval with Multi-agent Systems. Lecture Notes in Computer Science, 2004, , 77-91.	1.3	3
65	Using Distributed Data Mining and Distributed Artificial Intelligence for Knowledge Integration. Lecture Notes in Computer Science, 2007, , 89-103.	1.3	3
66	Distributed Constraint Optimization for scheduling in CSCWD. , 2009, , .		2
67	Knowledge discovery applied in modal rail. , 2011, , .		2
68	An optimal channel assignment strategy for WLANs using distributed optimization. , 2012, , .		2
69	A Complex Network-Based Anytime Data Stream Clustering Algorithm. Lecture Notes in Computer Science, 2015, , 615-622.	1.3	2
70	A modeling architecture for the orchestration of service components in factory automation. , 2015, , .		2
71	Overcoming feature drifts via dynamic feature weighted k-nearest neighbor learning. , 2016, , .		2
72	Towards emotion-based reputation guessing learning agents. , 2016, , .		2

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73	Selecting and Combining Classifiers Based on Centrality Measures. International Journal on Artificial Intelligence Tools, 2020, 29, 2060004.	1.0	2
74	Estimating and tuning adaptive action plans for the control of smart interconnected poultry condominiums. Expert Systems With Applications, 2022, 187, 115876.	7.6	2
75	On Optimal Distributed Channel Allocation for Access Points in WLANs. Lecture Notes in Computer Science, 2011, , 73-84.	1.3	2
76	MAIS Â-Un systÃ¨me multi-agents pour la recherche d'information sur le web. Document Numerique, 2004, 8, 83-106.	0.2	1
77	Comparing Meta-learning Algorithms. Lecture Notes in Computer Science, 2006, , 289-298.	1.3	1
78	Strong reduction in fuel consumption driving trains in bi-directional single line using crossing loops. , 2011, , .		1
79	An Intelligent System for train overtaking using distributed coordination. , 2013, , .		1
80	Efficient approach for reusing and sharing train driving plans using case-based reasoning. , 2015, , .		1
81	Fusion of Classifiers Based on Centrality Measures. , 2018, , .		1
82	Regularized and incremental decision trees for data streams. Annales Des Telecommunications/Annals of Telecommunications, 2020, 75, 493-503.	2.5	1
83	Learning Negotiation Policies Using IB3 and Bayesian Networks. Lecture Notes in Computer Science, 2010, , 308-315.	1.3	1
84	Combinando Modelos de InteraÃ§Ã£o para Melhorar a CoordenaÃ§Ã£o em Sistemas Multiagente. Revista De Informatica Teorica E Aplicada, 2011, 18, 133.	0.2	1
85	Combining Learning Algorithms: An Approach to Markov Decision Processes. Lecture Notes in Business Information Processing, 2013, , 172-188.	1.0	1
86	On Social Network-Based Algorithms for Data Stream Clustering. Studies in Big Data, 2019, , 297-317.	1.1	1
87	Using Collective Behavior of Coupled Oscillators for Solving DCOP. Journal of Artificial Intelligence Research, 0, 64, 987-1023.	7.0	1
88	Architecture of a dialog system with an assistant agent. , 2003, , .		0
89	Personalization in Multi-Agent Systems. , 0, , .		0
90	Automatic Identification of Teams Based on Textual Information Retrieval. , 2006, , .		0

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91	Evaluating Expertise in Collaborative Educational Environments. , 2006, , .		0
92	A method for Handling Inconsistencies in Rule-based Classifiers. IEEE Latin America Transactions, 2008, 6, 89-96.	1.6	0
93	Multi-phase negotiation for single-item bidding. , 2014, , .		0
94	Evaluating the Impact of Reputation-Based Agents in Social Coalition Formation. , 2016, , .		0
95	Dynamic Model for Social Coalition Formation Based on Expertise, Temporal Reputation and Time Commitment. , 2016, , .		0
96	An Experimental Perspective on Sampling Methods for Imbalanced Learning From Financial Databases. , 2018, , .		0
97	Evaluating Incomplete DCOP Algorithms On Large-Scale Problems. , 2019, , .		0
98	Conceptual Information Retrieval. Lecture Notes in Computer Science, 2004, , 137-144.	1.3	0
99	Automatic Knowledge Discovery and Case Management: an Effective Way to Use Databases to Enhance Health Care Management. IFIP Advances in Information and Communication Technology, 2009, , 241-247.	0.7	0
100	Certified Trust Model. IFIP Advances in Information and Communication Technology, 2009, , 41-49.	0.7	0
101	Coordinating Agents in Dynamic Environment. Lecture Notes in Business Information Processing, 2014, , 137-153.	1.0	0
102	A Hybrid Interaction Model for Multi-Agent Reinforcement Learning. , 2016, , .		0
103	Combination of Interaction Models for Multi-Agents Systems. Lecture Notes in Business Information Processing, 2017, , 107-121.	1.0	0
104	Automatic Identification of Teams in R and D. , 2006, , 308-317.		0
105	Combining Slow and Fast Learning for Improved Credit Scoring. , 2020, , .		0