

Tomoki Hamagami

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

106
citations

1937685

4
h-index

1588992

8
g-index

57
all docs

57
docs citations

57
times ranked

75
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-agent-based autonomous power distribution network restoration using contract net protocol. Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi), 2009, 166, 56-63.	0.4	28
2	Complex-Valued Reinforcement Learning. , 2006, , .		11
3	A call triage support system for emergency medical service using multiple random forests. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, S67.	1.4	7
4	A new genetic algorithm with diploid chromosomes by using probability decoding for non-stationary function optimization. , 2007, , .		5
5	An adjustment method of the number of states on Qâ€learning segmenting state space adaptively. Electronics and Communications in Japan, 2007, 90, 75-86.	0.2	5
6	Multi Car Elevator Control by using Learning Automaton. IEEJ Transactions on Industry Applications, 2005, 125, 91-98.	0.2	5
7	A Method for Classifying Packets into Network Flows Based on GHSOM. Mobile Networks and Applications, 2012, 17, 730-739.	3.3	4
8	Structural classification and similarity measurement of malware. IEEJ Transactions on Electrical and Electronic Engineering, 2014, 9, 621-632.	1.4	3
9	Bayesian Network Oriented Transfer Learning Method for Credit Scoring Model. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 1195-1202.	1.4	3
10	Using Intelligent System Approaches for Simulation of Electricity Markets. IEEJ Transactions on Electronics, Information and Systems, 2006, 126, 156-160.	0.2	3
11	Distributed Processing System for Restoration of Electric Power Distribution Network Using Two-Layered Contract Net Protocol. IEEJ Transactions on Electronics, Information and Systems, 2010, 130, 201-208.	0.2	3
12	Multi-agent based Autonomous Power Distribution Network Restoration by using Contract Net Protocol. IEEJ Transactions on Electronics, Information and Systems, 2007, 127, 24-30.	0.2	2
13	A new genetic algorithm with diploid chromosomes using probability decoding for adaptation to various environments. Electronics and Communications in Japan, 2010, 93, 38-46.	0.5	2
14	Complex-valued reinforcement learning with hierarchical architecture. , 2010, , .		2
15	Reinforcement learning in continuous state space with perceptual aliasing by using complex-valued RBF network. , 2010, , .		2
16	Improvement in estimation accuracy of impedance with electrical and ultrasonic multiimaging systems. Electronics and Communications in Japan, 2018, 101, 11-18.	0.5	2
17	Reservoir Computing for Scalable Hardware with Blockâ€Based Neural Network. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 1594.	1.4	2
18	A New Genetic Algorithm with Diploid Chromosomes by Using Probability Decoding for Adaptation to Various Environments. IEEJ Transactions on Electronics, Information and Systems, 2008, 128, 381-387.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Preface to the Special Issue on "Statistical Design and Application of Stochastic Optimization and Machine Learning" IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 1-1.	0.2	2
20	Cross-Layer Routing Method for the SCTP with Multihoming MIPv6. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 179-191.	0.3	2
21	Revisit of Rule-Deletion Strategy for XCSAM Classifier System on Classification. Transactions of the Institute of Systems Control and Information Engineers, 2017, 30, 273-285.	0.1	2
22	Hebbian learning rule restraining catastrophic forgetting in pulse neural network. Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi), 2005, 151, 50-60.	0.4	1
23	High Accuracy of Call Triage Decision by Bayesian Network. Electronics and Communications in Japan, 2014, 97, 62-69.	0.5	1
24	Investigation about Control of False Positive Rate for Automatic Sperm Detection in Assisted Reproductive Technology. , 2018, , .		1
25	Performance Oriented Block-Based Neural Network Model by Parallelized Neighbor's Communication. , 2018, , .		1
26	Classification Model Considering Misclassification Based on Distributional Distance Between Labels. IEEJ Transactions on Electronics, Information and Systems, 2021, 141, 1048-1054.	0.2	1
27	High-accuracy Decision of Call-triage by Using Bayesian Network. IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 61-67.	0.2	1
28	Cooperative Control for Distributed Generation by using Multiagent Learning. IEEJ Transactions on Electronics, Information and Systems, 2006, 126, 194-195.	0.2	1
29	Ensemble Inverse Reinforcement Learning from Semi-Expert Agents. IEEJ Transactions on Electronics, Information and Systems, 2017, 137, 667-673.	0.2	1
30	Ordinal Regression Based on the Distributional Distance Between Labels. , 2021, , .		1
31	Autonomous driving control for ITS by using learning automaton network with multiple environments. Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi), 2005, 150, 36-43.	0.4	0
32	Experimental study of the eligibility traces in complex valued reinforcement learning. , 2007, , .		0
33	A Method of Generalization of State Space Construction for Multirobots with Different Sensor Configurations. IEEJ Transactions on Electrical and Electronic Engineering, 2008, 3, 418-424.	1.4	0
34	Adaptive Adjustment of Weight Parameters for Diploid Genetic Algorithm with a Network Structure. , 2010, , .		0
35	Autonomous implant sensor position measurement using human voxel data. Electronics and Communications in Japan, 2011, 94, 1-9.	0.5	0
36	A Software Quality Evaluation Method Using the Change of Source Code Metrics. , 2012, , .		0

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37	Genetic algorithm sampling the solution space selectively depending on difficulty of power distribution network restoration. Electronics and Communications in Japan, 2012, 95, 16-24.	0.5	0
38	Construction of visual codebook to speed up visual-based simultaneous localization and mapping. Journal of International Council on Electrical Engineering, 2017, 7, 166-173.	0.4	0
39	Effect of parameter sharing for multimodal deep autoencoders. , 2017, , .		0
40	Fault Sign Detection Method for Rotators based on One-class Support Vector Machine with Successive Multi-level Class Construction. IEEJ Transactions on Industry Applications, 2017, 137, 858-865.	0.2	0
41	Stochastic Control for Multi Car Elevator by using Learning Automaton. Proceedings of the ISCIE International Symposium on Stochastic Systems Theory and Its Applications, 2005, 2005, 321-326.	0.2	0
42	Cooperative Behavior Acquisition by Using Local Environment Parameters for Intelligent. Transactions of the Society of Instrument and Control Engineers, 2008, 44, 191-198.	0.2	0
43	Autonomous Implant Sensor Position Measurement by Using Human Voxel Data. IEEJ Transactions on Electronics, Information and Systems, 2009, 129, 140-146.	0.2	0
44	Complex-valued Profit Sharing with Multiple Phase Changes. Transactions of the Society of Instrument and Control Engineers, 2009, 45, 597-604.	0.2	0
45	Distributed Multihoming Routing Method by Crossing Control MIPv6 with SCTP. IEEJ Transactions on Electronics, Information and Systems, 2011, 131, 818-825.	0.2	0
46	Genetic Algorithm Sampling the Solution Space Selectively Depending on Difficulty of Power Distribution Network Restoration. IEEJ Transactions on Electronics, Information and Systems, 2011, 131, 1031-1037.	0.2	0
47	Machine Learning Based Autonomous Network Flow Identifying Method. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 447-457.	0.3	0
48	Application of Machine Learning to Medicine Field. Journal of the Institute of Electrical Engineers of Japan, 2013, 133, 344-347.	0.0	0
49	Discovering Intellectual Structure from Digital Archives. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1282-1286.	0.2	0
50	A Software Quality Analysis based on the Transitions of Complex Networks Indexes. IEEJ Transactions on Electronics, Information and Systems, 2015, 135, 553-558.	0.2	0
51	Improve the Accuracy of Impedance Imaging in Electrical and Ultrasonic Multi-imaging System. IEEJ Transactions on Fundamentals and Materials, 2017, 137, 278-283.	0.2	0
52	Improvement in Estimation Accuracy of Impedance with Electrical and Ultrasonic Multi-imaging Systems. IEEJ Transactions on Sensors and Micromachines, 2018, 138, 93-99.	0.1	0
53	Sperm Detection with Robustness to Overlap of Distributions by using Adaptive Thresholded Boosting. IEEJ Transactions on Electronics, Information and Systems, 2019, 139, 1461-1467.	0.2	0
54	Wave-making Resistance Estimation Through Deep Learning Considering the Distribution of Ship Figure. IEEJ Transactions on Electronics, Information and Systems, 2020, 140, 391-397.	0.2	0

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55	Learning Transferable Policy in Reinforcement Learning for Vehicle Velocity Tracking Control. IEEJ Transactions on Electronics, Information and Systems, 2021, 141, 1492-1499.	0.2	0
56	Opticalflow Estimation for Deformable Object Utilizing Superpixels and Motion Estimation Using Phase Correlation and CNN. IEEJ Transactions on Electronics, Information and Systems, 2022, 142, 100-107.	0.2	0
57	Adversarial Inverse Reinforcement Learning to Estimate Policies from Multiple Experts. IEEJ Transactions on Electronics, Information and Systems, 2021, 141, 1405-1410.	0.2	0