

# 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  | 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         |
| 2  | Bayesian Network Oriented Transfer Learning Method for Credit Scoring Model. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 1195-1202.  | 1.4 | 3         |
| 3  | Reservoir Computing for Scalable Hardware with Block-Based Neural Network. IEEJ Transactions on Electrical and Electronic Engineering, 2021, 16, 1594.   | 1.4 | 2         |
| 4  | Classification Model Considering Misclassification Based on Distributional Distance Between Labels. IEEJ Transactions on Electronics, Information and Systems, 2021, 141, 1048-1054.                     | 0.2 | 1         |
| 5  | 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         |
| 6  | Ordinal Regression Based on the Distributional Distance Between Labels. , 2021, , .  |     | 1         |
| 7  | Adversarial Inverse Reinforcement Learning to Estimate Policies from Multiple Experts. IEEJ Transactions on Electronics, Information and Systems, 2021, 141, 1405-1410.                                  | 0.2 | 0         |
| 8  | 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         |
| 9  | 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         |
| 10 | Investigation about Control of False Positive Rate for Automatic Sperm Detection in Assisted Reproductive Technology. , 2018, , .  |     | 1         |
| 11 | Performance Oriented Block-Based Neural Network Model by Parallelized Neighbor's Communication. , 2018, , .  |     | 1         |
| 12 | Improvement in estimation accuracy of impedance with electrical and ultrasonic multiimaging systems. Electronics and Communications in Japan, 2018, 101, 11-18.  | 0.5 | 2         |
| 13 | 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         |
| 14 | 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         |
| 15 | 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         |
| 16 | Effect of parameter sharing for multimodal deep autoencoders. , 2017, , .  |     | 0         |
| 17 | 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         |
| 18 | Ensemble Inverse Reinforcement Learning from Semi-Expert Agents. IEEJ Transactions on Electronics, Information and Systems, 2017, 137, 667-673.  | 0.2 | 1         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | 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         |
| 20 | 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         |
| 21 | 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         |
| 22 | Structural classification and similarity measurement of malware. IEEJ Transactions on Electrical and Electronic Engineering, 2014, 9, 621-632.  | 1.4 | 3         |
| 23 | High Accuracy of Call Triage Decision by Bayesian Network. Electronics and Communications in Japan, 2014, 97, 62-69.  | 0.5 | 1         |
| 24 | Discovering Intellectual Structure from Digital Archives. IEEJ Transactions on Electronics, Information and Systems, 2014, 134, 1282-1286.  | 0.2 | 0         |
| 25 | Application of Machine Learning to Medicine Field. Journal of the Institute of Electrical Engineers of Japan, 2013, 133, 344-347.   | 0.0 | 0         |
| 26 | A Method for Classifying Packets into Network Flows Based on GHSOM. Mobile Networks and Applications, 2012, 17, 730-739.  | 3.3 | 4         |
| 27 | A Software Quality Evaluation Method Using the Change of Source Code Metrics. , 2012, , .   |     | 0         |
| 28 | 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         |
| 29 | 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         |
| 30 | High-accuracy Decision of Call-triage by Using Bayesian Network. IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 61-67.   | 0.2 | 1         |
| 31 | 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         |
| 32 | Autonomous implant sensor position measurement using human voxel data. Electronics and Communications in Japan, 2011, 94, 1-9.  | 0.5 | 0         |
| 33 | Distributed Multihoming Routing Method by Crossing Control MIPv6 with SCTP. IEEJ Transactions on Electronics, Information and Systems, 2011, 131, 818-825.  | 0.2 | 0         |
| 34 | 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         |
| 35 | 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         |
| 36 | Complex-valued reinforcement learning with hierarchical architecture. , 2010, , .   |     | 2         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Reinforcement learning in continuous state space with perceptual aliasing by using complex-valued RBF network. , 2010, , .   |     | 2         |
| 38 | Adaptive Adjustment of Weight Parameters for Diploid Genetic Algorithm with a Network Structure. , 2010, , .   |     | 0         |
| 39 | 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         |
| 40 | 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         |
| 41 | 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        |
| 42 | Autonomous Implant Sensor Position Measurement by Using Human Voxel Data. IEEJ Transactions on Electronics, Information and Systems, 2009, 129, 140-146.   | 0.2 | 0         |
| 43 | Complex-valued Profit Sharing with Multiple Phase Changes. Transactions of the Society of Instrument and Control Engineers, 2009, 45, 597-604.   | 0.2 | 0         |
| 44 | 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         |
| 45 | 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         |
| 46 | 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         |
| 47 | Experimental study of the eligibility traces in complex valued reinforcement learning. , 2007, , .   |     | 0         |
| 48 | A new genetic algorithm with diploid chromosomes by using probability decoding for non-stationary function optimization. , 2007, , .   |     | 5         |
| 49 | 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         |
| 50 | An adjustment method of the number of states on Q-learning segmenting state space adaptively. Electronics and Communications in Japan, 2007, 90, 75-86.  | 0.2 | 5         |
| 51 | Complex-Valued Reinforcement Learning. , 2006, , .   |     | 11        |
| 52 | Using Intelligent System Approaches for Simulation of Electricity Markets. IEEJ Transactions on Electronics, Information and Systems, 2006, 126, 156-160.  | 0.2 | 3         |
| 53 | Cooperative Control for Distributed Generation by using Multiagent Learning. IEEJ Transactions on Electronics, Information and Systems, 2006, 126, 194-195.  | 0.2 | 1         |
| 54 | 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         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 55 | 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         |
| 56 | Multi Car Elevator Control by using Learning Automaton. IEEJ Transactions on Industry Applications, 2005, 125, 91-98.   | 0.2 | 5         |
| 57 | 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         |