

# Hisao Fukumoto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4436338/publications.pdf>

Version: 2024-02-01

27  
papers

47  
citations

2258059

3  
h-index

2053705

5  
g-index

27  
all docs

27  
docs citations

27  
times ranked

24  
citing authors

#	ARTICLE	IF	CITATIONS
1	Calculating leakage reactance of 9-winding transformer using time-dependent 3D FEM analysis. , 2015, , .		8
2	Developing a Remote Laboratory System of Stepper Motor for Learning Support. IEEE Transactions on Education, 2021, 64, 292-298.	2.4	7
3	Measurement of Capacitance and Electrical Potential of Plural Points for Estimation of Permittivity Distribution. IEEJ Transactions on Fundamentals and Materials, 2013, 133, 173-179.	0.2	5
4	Development of a web-based remote experiment system for electrical machinery learners. , 2014, , .		4
5	A Study on Fitness Function with Parameter-free Genetic Algorithm for Non-destructive Estimation of Permittivity Distribution based on Capacitance and Electric Potential. IEEJ Transactions on Fundamentals and Materials, 2016, 136, 164-173.	0.2	4
6	Feasible method of calculating leakage reactance of 9-winding transformer for high-voltage inverter system. , 2014, , .		3
7	Numerical Electric Field Analysis of Power Status Sensor Observing Power Distribution System Taking into Account Voltage Divider Measurement Circuit. IEEJ Transactions on Fundamentals and Materials, 2011, 131, 171-177.	0.2	3
8	An analysis of multi-dimensional data containing emphasized items by self-organizing map and its application to sightseeing information analysis. Soft Computing, 2017, 21, 3345-3352.	3.6	2
9	Using model uncertainty for robust optimization in approximate inference control. Artificial Life and Robotics, 2017, 22, 327-335.	1.2	2
10	Feasibility Implementation of Voltage-Current Waveform Telemetry System in Power Delivery System. IEEJ Transactions on Fundamentals and Materials, 2011, 131, 288-294.	0.2	2
11	Fragmentization of distance measure for pattern generation by a self-organizing map. , 2012, , .		1
12	Simulation of resin molded type sensor in pole switch for power delivery systems. , 2014, , .		1
13	Development of power measurement system in Simulated Micro Grid system for education. , 2014, , .		1
14	A motion imitation system for humanoid robots with inference-based optimization and an auditory user interface. Artificial Life and Robotics, 2020, 25, 106-115.	1.2	1
15	Development of an HTML5 based Educational Support System on Electrical Machinery. IEEJ Transactions on Fundamentals and Materials, 2015, 135, 666-671.	0.2	1
16	Development of Analyzing System for Power Factor and Harmonic Direction in Electric Power Distribution System using FA Computer. IEEJ Transactions on Fundamentals and Materials, 2017, 137, 334-341.	0.2	1
17	Feasibility Study on Resin Molded Type Voltage-current Sensor Built in Pole Switch for Measurement of Power Status in Electric Power Distribution System. IEEJ Transactions on Fundamentals and Materials, 2017, 137, 58-64.	0.2	1
18	Estimation of Surface Normal Vector Based on Majority Voting using Multi-Light Photometric Stereo. IEEJ Transactions on Electronics, Information and Systems, 2008, 128, 1567-1573.	0.2	0

#	ARTICLE	IF	CITATIONS
19	A Pattern Analysis of Using Self-Organizing-Maps in a Unspoken Vowel Recognition System Based on Surface Electromyogram. IEEJ Transactions on Electronics, Information and Systems, 2009, 129, 1785-1791.	0.2	0
20	Introduction of New Motion Measurement Equipment into Virtual Walk System. IEEJ Transactions on Fundamentals and Materials, 2011, 131, 641-647.	0.2	0
21	Development and Evaluation of a Scoring Assistant System for Exercise Classes. IEEJ Transactions on Fundamentals and Materials, 2015, 135, 672-678.	0.2	0
22	Downsizing and Improvement of Real-time Processing System in Detecting Power Factor and Harmonic Direction. IEEJ Transactions on Fundamentals and Materials, 2018, 138, 204-209.	0.2	0
23	Design and Implementation of Web Based Reception System of Milk Round for Job Hunting Support of Students. IEEJ Transactions on Fundamentals and Materials, 2019, 139, 498-506.	0.2	0
24	Study on Design and Implementation of Downsized Resin Molded Type Power Sensor in Pole Switch. IEEJ Transactions on Fundamentals and Materials, 2019, 139, 558-564.	0.2	0
25	Development of Educational Support System for Energy Management System (EMS). IEEJ Transactions on Fundamentals and Materials, 2019, 139, 514-520.	0.2	0
26	Design and Implementation of Booth Arrangement System for Joint Information Exchange Meetings using Database. IEEJ Transactions on Fundamentals and Materials, 2019, 139, 507-513.	0.2	0
27	A Partially Observable Markov-Decision-Process-Based Blackboard Architecture for Cognitive Agents in Partially Observable Environments. IEEE Transactions on Cognitive and Developmental Systems, 2022, 14, 189-204.	3.8	0