

# Masato Yoshimi

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

205  
citations

1478505

6  
h-index

1474206

9  
g-index

53  
all docs

53  
docs citations

53  
times ranked

131  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Peak-Avoidance Scheme for Chasing Playback of Mobile Live Streaming. , 2020, , .		0
2	A Scalable Color-Based Caching Scheme in Telco-CDNs. , 2019, , .		1
3	Analyzing and Predicting the Popularity of Online Contents. , 2019, , .		2
4	Pipelined Parallel Join and Its FPGA-Based Acceleration. ACM Transactions on Reconfigurable Technology and Systems, 2017, 10, 1-28.	2.5	4
5	Color-Based Cooperative Cache and Its Routing Scheme for Telco-CDNs. IEICE Transactions on Information and Systems, 2017, E100.D, 2847-2856.	0.7	11
6	Accelerating BLAST Computation on an FPGA-enhanced PC Cluster. , 2016, , .		2
7	A Light-Weight Content Distribution Scheme for Cooperative Caching in Telco-CDNs. , 2016, , .		10
8	An Efficient Cache Grouping Strategy for Multinode Cache Networks. , 2015, , .		0
9	Design and Evaluation of a Configurable Query Processing Hardware for Data Streams. IEICE Transactions on Information and Systems, 2015, E98.D, 2207-2217.	0.7	1
10	Accelerating OLAP Workload on Interconnected FPGAs with Flash Storage. , 2014, , .		4
11	An FPGA-Based Tightly Coupled Accelerator for Data-Intensive Applications. , 2014, , .		9
12	An Efficient and Scalable Implementation of Sliding-Window Aggregate Operator on FPGA. , 2013, , .		11
13	Wire-Speed Implementation of Sliding-Window Aggregate Operator over Out-of-Order Data Streams. , 2013, , .		3
14	Sharing Computing Resources with Virtual Machines by Transparent Data Access. , 2013, , .		0
15	A Fully Optical Ring Network-on-Chip with Static and Dynamic Wavelength Allocation. IEICE Transactions on Information and Systems, 2013, E96.D, 2545-2554.	0.7	5
16	FPGA-Based HPRC for Bioinformatics Applications. , 2013, , 137-175.		1
17	An FPGA Acceleration for the Kd-tree Search in Photon Mapping. Lecture Notes in Computer Science, 2013, , 25-36.	1.3	8
18	Intelligent lighting system with an additional energy-saving mechanism. , 2012, , .		4

#	ARTICLE	IF	CITATIONS
19	Comparison study of controlling bloat model of GP in constructing filter for cell image segmentation problems. , 2012, , .		3
20	Distributed PACS using distributed file system with hierarchical meta data servers. , 2012, 2012, 5891-4.		4
21	Discussion of the crossover method of interactive Genetic Algorithm for extracting multiple peaks on Kansei landscape. , 2012, , .		0
22	Faster illuminance convergence for the intelligent lighting system using visible light communication. , 2012, , .		2
23	Development of an intelligent lighting system using LED ceiling lights into an actual office. Electronics and Communications in Japan, 2012, 95, 54-63.	0.5	3
24	Acceptable Region on Chromaticity Diagram for Office Lighting. Journal of the Illuminating Engineering Institute of Japan (Shomei Gakkai Shi), 2012, 96, 279-285.	0.1	2
25	An algorithm for cancer nest feature extraction from pathological images. , 2011, 2011, 3423-6.		4
26	Real-coded Estimation of Distribution Algorithm by Using Probabilistic Models with Multiple Learning Rates. Procedia Computer Science, 2011, 4, 1244-1251.	2.0	1
27	An analytical network performance model for SIMD processor CSX600 interconnects. Journal of Systems Architecture, 2011, 57, 146-159.	4.3	0
28	Preferred illuminance and color temperature in creative works. , 2011, , .		4
29	Measurements of right / left hemisphere activation using functional near-infrared spectroscopy during incongruent Stroop test. , 2011, 2011, 6123-6.		3
30	Development of the Intelligent Lighting System using LED Ceiling Lights into an Actual Office. IEEJ Transactions on Fundamentals and Materials, 2011, 131, 321-327.	0.2	1
31	Automatic Pipeline Construction Focused on Similarity of Rate Law Functions for an FPGA-based Biochemical Simulator. IPSJ Transactions on System LSI Design Methodology, 2010, 3, 244-256.	0.8	2
32	Automatic generation method to derive for the design variable spaces for interactive Genetic Algorithms. , 2010, , .		3
33	Construction of illuminance distribution measurement system and evaluation of illuminance convergence in Intelligent Lighting System. , 2010, , .		8
34	Similar subsequence retrieval from two time series data using homology search. , 2010, , .		2
35	Examination of multi-objective Genetic Algorithm using the concept of a Peer-to-Peer network. , 2010, , .		0
36	Lighting control system using an Actor - Critic type learning algorithm. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
37	A Performance Evaluation of CUBE: One-Dimensional 512 FPGA Cluster. Lecture Notes in Computer Science, 2010, , 372-381.	1.3	13
38	Optimization of the Height of Height-Adjustable Luminaire for Intelligent Lighting System. Lecture Notes in Computer Science, 2010, , 355-362.	1.3	4
39	Construction of Intelligent Lighting System Providing Desired Illuminance Distributions in Actual Office Environment. Lecture Notes in Computer Science, 2010, , 451-460.	1.3	15
40	Classified-Chime Sound Generation Support System Using an Interactive Genetic Algorithm. Lecture Notes in Computer Science, 2010, , 173-180.	1.3	1
41	A Modular Approach to Heterogeneous Biochemical Model Simulation on an FPGA. , 2009, , .		1
42	Efficient Scheduling Algorithms on Bandwidth Reservation Service of Internet Using Metaheuristics. , 2009, , .		1
43	Performance Analysis of ClearSpeed's CSX600 Interconnects. , 2009, , .		0
44	Intelligent Lighting Control User Interface through Design of Illuminance Distribution. , 2009, , .		3
45	Pipeline Scheduling with Input Port Constraints for an FPGA-Based Biochemical Simulator. Lecture Notes in Computer Science, 2009, , 368-373.	1.3	2
46	Practical implementation of a network-based stochastic biochemical simulation system on an FPGA. , 2008, , .		4
47	Performance Improvement Methodology for ClearSpeed's CSX600. Parallel Processing (ICPP), Proceedings of the International Symposium, 2007, , .	0.0	6
48	A Combining Technique of Rate Law Functions for a Cost-Effective Reconfigurable Biological Simulator. , 2007, , .		1
49	A Framework for Implementing a Network-Based Stochastic Biochemical Simulator on an FPGA. , 2007, , .		1
50	FPGA Implementation of a Data-Driven Stochastic Biochemical Simulator with the Next Reaction Method. , 2007, , .		12
51	ReCSiP: An FPGA-based general-purpose biochemical simulator. Electronics and Communications in Japan, 2007, 90, 1-10.	0.2	9
52	An FPGA Implementation of High Throughput Stochastic Simulator for Large-Scale Biochemical Systems. , 2006, , .		8