

Masato Yoshimi

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

205
citations

1478505

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1474206

9
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53
all docs

53
docs citations

53
times ranked

131
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Construction of Intelligent Lighting System Providing Desired Illuminance Distributions in Actual Office Environment. Lecture Notes in Computer Science, 2010, , 451-460. | 1.3 | 15 |
| 2 | A Performance Evaluation of CUBE: One-Dimensional 512 FPGA Cluster. Lecture Notes in Computer Science, 2010, , 372-381. | 1.3 | 13 |
| 3 | FPGA Implementation of a Data-Driven Stochastic Biochemical Simulator with the Next Reaction Method. , 2007, , . | | 12 |
| 4 | An Efficient and Scalable Implementation of Sliding-Window Aggregate Operator on FPGA. , 2013, , . | | 11 |
| 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 | A Light-Weight Content Distribution Scheme for Cooperative Caching in Telco-CDNs. , 2016, , . | | 10 |
| 7 | ReCSiP: An FPGA-based general-purpose biochemical simulator. Electronics and Communications in Japan, 2007, 90, 1-10. | 0.2 | 9 |
| 8 | An FPGA-Based Tightly Coupled Accelerator for Data-Intensive Applications. , 2014, , . | | 9 |
| 9 | An FPGA Implementation of High Throughput Stochastic Simulator for Large-Scale Biochemical Systems. , 2006, , . | | 8 |
| 10 | Construction of illuminance distribution measurement system and evaluation of illuminance convergence in Intelligent Lighting System. , 2010, , . | | 8 |
| 11 | An FPGA Acceleration for the Kd-tree Search in Photon Mapping. Lecture Notes in Computer Science, 2013, , 25-36. | 1.3 | 8 |
| 12 | Performance Improvement Methodology for ClearSpeed's CSX600. Parallel Processing (ICPP), Proceedings of the International Symposium, 2007, , . | 0.0 | 6 |
| 13 | 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 |
| 14 | Practical implementation of a network-based stochastic biochemical simulation system on an FPGA. , 2008, , . | | 4 |
| 15 | An algorithm for cancer nest feature extraction from pathological images. , 2011, 2011, 3423-6. | | 4 |
| 16 | Preferred illuminance and color temperature in creative works. , 2011, , . | | 4 |
| 17 | Intelligent lighting system with an additional energy-saving mechanism. , 2012, , . | | 4 |
| 18 | Distributed PACS using distributed file system with hierarchical meta data servers. , 2012, 2012, 5891-4. | | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Accelerating OLAP Workload on Interconnected FPGAs with Flash Storage. , 2014, , . | | 4 |
| 20 | Pipelined Parallel Join and Its FPGA-Based Acceleration. ACM Transactions on Reconfigurable Technology and Systems, 2017, 10, 1-28. | 2.5 | 4 |
| 21 | Optimization of the Height of Height-Adjustable Luminaire for Intelligent Lighting System. Lecture Notes in Computer Science, 2010, , 355-362. | 1.3 | 4 |
| 22 | Intelligent Lighting Control User Interface through Design of Illuminance Distribution. , 2009, , . | | 3 |
| 23 | Automatic generation method to derive for the design variable spaces for interactive Genetic Algorithms. , 2010, , . | | 3 |
| 24 | Measurements of right / left hemisphere activation using functional near-infrared spectroscopy during incongruent Stroop test. , 2011, 2011, 6123-6. | | 3 |
| 25 | Comparison study of controlling bloat model of GP in constructing filter for cell image segmentation problems. , 2012, , . | | 3 |
| 26 | 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 |
| 27 | Wire-Speed Implementation of Sliding-Window Aggregate Operator over Out-of-Order Data Streams. , 2013, , . | | 3 |
| 28 | 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 |
| 29 | Similar subsequence retrieval from two time series data using homology search. , 2010, , . | | 2 |
| 30 | Faster illuminance convergence for the intelligent lighting system using visible light communication. , 2012, , . | | 2 |
| 31 | 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 |
| 32 | Accelerating BLAST Computation on an FPGA-enhanced PC Cluster. , 2016, , . | | 2 |
| 33 | Analyzing and Predicting the Popularity of Online Contents. , 2019, , . | | 2 |
| 34 | Pipeline Scheduling with Input Port Constraints for an FPGA-Based Biochemical Simulator. Lecture Notes in Computer Science, 2009, , 368-373. | 1.3 | 2 |
| 35 | A Combining Technique of Rate Law Functions for a Cost-Effective Reconfigurable Biological Simulator. , 2007, , . | | 1 |
| 36 | A Framework for Implementing a Network-Based Stochastic Biochemical Simulator on an FPGA. , 2007, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | A Modular Approach to Heterogeneous Biochemical Model Simulation on an FPGA. , 2009, , . | | 1 |
| 38 | Efficient Scheduling Algorithms on Bandwidth Reservation Service of Internet Using Metaheuristics. , 2009, , . | | 1 |
| 39 | Real-coded Estimation of Distribution Algorithm by Using Probabilistic Models with Multiple Learning Rates. Procedia Computer Science, 2011, 4, 1244-1251. | 2.0 | 1 |
| 40 | 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 |
| 41 | A Scalable Color-Based Caching Scheme in Telco-CDNs. , 2019, , . | | 1 |
| 42 | FPGA-Based HPRC for Bioinformatics Applications. , 2013, , 137-175. | | 1 |
| 43 | Classified-Chime Sound Generation Support System Using an Interactive Genetic Algorithm. Lecture Notes in Computer Science, 2010, , 173-180. | 1.3 | 1 |
| 44 | 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 |
| 45 | Performance Analysis of ClearSpeed's CSX600 Interconnects. , 2009, , . | | 0 |
| 46 | Examination of multi-objective Genetic Algorithm using the concept of a Peer-to-Peer network. , 2010, , . | | 0 |
| 47 | Lighting control system using an Actor - Critic type learning algorithm. , 2010, , . | | 0 |
| 48 | An analytical network performance model for SIMD processor CSX600 interconnects. Journal of Systems Architecture, 2011, 57, 146-159. | 4.3 | 0 |
| 49 | Discussion of the crossover method of interactive Genetic Algorithm for extracting multiple peaks on Kansei landscape. , 2012, , . | | 0 |
| 50 | Sharing Computing Resources with Virtual Machines by Transparent Data Access. , 2013, , . | | 0 |
| 51 | An Efficient Cache Grouping Strategy for Multinode Cache Networks. , 2015, , . | | 0 |
| 52 | A Peak-Avoidance Scheme for Chasing Playback of Mobile Live Streaming. , 2020, , . | | 0 |