

Azalia Mirhoseini

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

503
citations

1937685

4
h-index

1872680

6
g-index

17
all docs

17
docs citations

17
times ranked

373
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Reinforcement Learning for Electronic Design Automation: Case Studies and Perspectives: (Invited) Tj ETQq1 1 0.784314 rgBJ /Overl | | |
| 2 | Scalability and Generalization of Circuit Training for Chip Floorplanning. , 2022, , . | | 0 |
| 3 | A graph placement methodology for fast chip design. Nature, 2021, 594, 207-212. | 27.8 | 210 |
| 4 | Delving into Macro Placement with Reinforcement Learning. , 2021, , . | | 5 |
| 5 | RankMap: A Framework for Distributed Learning From Dense Data Sets. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2717-2730. | 11.3 | 1 |
| 6 | DeLight. , 2016, , . | | 32 |
| 7 | Chime: Checkpointing Long Computations on Intermittently Energized IoT Devices. IEEE Transactions on Multi-Scale Computing Systems, 2016, 2, 277-290. | 2.4 | 15 |
| 8 | DA systemization of knowledge: A catalog of prior forward-looking initiatives. , 2015, , . | | 1 |
| 9 | SSketch: An Automated Framework for Streaming Sketch-Based Analysis of Big Data on FPGA. , 2015, , . | | 21 |
| 10 | Phase Change Memory Write Cost Minimization by Data Encoding. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2015, 5, 51-63. | 3.6 | 4 |
| 11 | Idetic: A high-level synthesis approach for enabling long computations on transiently-powered ASICs. , 2013, , . | | 51 |
| 12 | Automated checkpointing for enabling intensive applications on energy harvesting devices. , 2013, , . | | 11 |
| 13 | Learning to manage combined energy supply systems. , 2011, , . | | 10 |
| 14 | HypoEnergy. Hybrid supercapacitor-battery power-supply optimization for Energy efficiency. , 2011, , . | | 30 |
| 15 | A Unified Framework for Multimodal Submodular Integrated Circuits Trojan Detection. IEEE Transactions on Information Forensics and Security, 2011, 6, 162-174. | 6.9 | 101 |
| 16 | Hybrid heterogeneous energy supply networks. , 2011, , . | | 6 |