

Shoko Utsunomiya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8936748/publications.pdf>

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7
papers

1,194
citations

1307594

7
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

787
citing authors

#	ARTICLE	IF	CITATIONS
1	A coherent Ising machine for 2000-node optimization problems. <i>Science</i> , 2016, 354, 603-606.	12.6	469
2	A fully programmable 100-spin coherent Ising machine with all-to-all connections. <i>Science</i> , 2016, 354, 614-617.	12.6	427
3	Experimental investigation of performance differences between coherent Ising machines and a quantum annealer. <i>Science Advances</i> , 2019, 5, eaau0823.	10.3	169
4	A 16-bit Coherent Ising Machine for One-Dimensional Ring and Cubic Graph Problems. <i>Scientific Reports</i> , 2016, 6, 34089.	3.3	60
5	Computational Principle and Performance Evaluation of Coherent Ising Machine Based on Degenerate Optical Parametric Oscillator Network. <i>Entropy</i> , 2016, 18, 151.	2.2	32
6	Truncated Wigner theory of coherent Ising machines based on degenerate optical parametric oscillator network. <i>Physica Scripta</i> , 2016, 91, 083010.	2.5	30
7	Potts model solver based on hybrid physical and digital architecture. <i>Communications Physics</i> , 2022, 5, .	5.3	7