

Volodymyr Sivak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/51947/publications.pdf>

Version: 2024-02-01

10
papers

529
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

615
citing authors

#	ARTICLE	IF	CITATIONS
1	Model-Free Quantum Control with Reinforcement Learning. <i>Physical Review X</i> , 2022, 12, .	8.9	27
2	Frequency-tunable Kerr-free three-wave mixing with a gradiometric SNAIL. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	5
3	Quantum error correction of a qubit encoded in grid states of an oscillator. <i>Nature</i> , 2020, 584, 368-372.	27.8	232
4	Free-standing silicon shadow masks for transmon qubit fabrication. <i>AIP Advances</i> , 2020, 10, .	1.3	14
5	Josephson Array-Mode Parametric Amplifier. <i>Physical Review Applied</i> , 2020, 13, .	3.8	31
6	Kerr-Free Three-Wave Mixing in Superconducting Quantum Circuits. <i>Physical Review Applied</i> , 2019, 11, .	3.8	57
7	Gated Conditional Displacement Readout of Superconducting Qubits. <i>Physical Review Letters</i> , 2019, 122, 080502.	7.8	73
8	Optimizing the Nonlinearity and Dissipation of a SNAIL Parametric Amplifier for Dynamic Range. <i>Physical Review Applied</i> , 2018, 10, .	3.8	85
9	Cotunneling and polaronic effect in granular systems. <i>Physical Review B</i> , 2017, 95, .	3.2	4
10	Charge transfer mechanism in nonstationary granular systems. <i>Physical Review B</i> , 2015, 92, .	3.2	1