

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