

Sungguen Ryu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7941307/publications.pdf>

Version: 2024-02-01

11
papers

167
citations

1478505

6
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of electron pump accuracy by a potential-shape-tunable quantum dot pump. <i>Physical Review B</i> , 2014, 90, .	3.2	34
2	Ultrafast Emission and Detection of a Single-Electron Gaussian Wave Packet: A Theoretical Study. <i>Physical Review Letters</i> , 2016, 117, 146802.	7.8	32
3	Picosecond coherent electron motion in a silicon single-electron source. <i>Nature Nanotechnology</i> , 2019, 14, 1019-1023.	31.5	29
4	LO-Phonon Emission Rate of Hot Electrons from an On-Demand Single-Electron Source in a GaAs/AlGaAs Heterostructure. <i>Physical Review Letters</i> , 2018, 121, 137703.	7.8	27
5	Phonon emission and arrival times of electrons from a single-electron source. <i>Physical Review B</i> , 2016, 93, .	3.2	19
6	Minimax optimization of entanglement witness operator for the quantification of three-qubit mixed-state entanglement. <i>Physical Review A</i> , 2012, 86, .	2.5	14
7	Beating Carnot efficiency with periodically driven chiral conductors. <i>Nature Communications</i> , 2022, 13, 2512.	12.8	5
8	Parallelized Single-Electron Pumps Based on Gate-Tunable Quantum Dots. <i>Journal of the Korean Physical Society</i> , 2019, 75, 331-336.	0.7	4
9	Quantum consensus dynamics by entangling Maxwell demon. <i>New Journal of Physics</i> , 2022, 24, 033028.	2.9	2
10	rf-Signal-induced heating effects in single-electron pumps composed of gate-tunable quantum dots. <i>Physical Review B</i> , 2021, 103, .	3.2	1
11	Asymmetric arms maximize visibility in hot-electron interferometers. <i>Physical Review B</i> , 2021, 104, .	3.2	0