

# 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  
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1372567

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g-index

12  
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12  
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times ranked

162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum consensus dynamics by entangling Maxwell demon. <i>New Journal of Physics</i> , 2022, 24, 033028.	2.9	2
2	Beating Carnot efficiency with periodically driven chiral conductors. <i>Nature Communications</i> , 2022, 13, 2512.	12.8	5
3	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
4	Asymmetric arms maximize visibility in hot-electron interferometers. <i>Physical Review B</i> , 2021, 104, .	3.2	0
5	Picosecond coherent electron motion in a silicon single-electron source. <i>Nature Nanotechnology</i> , 2019, 14, 1019-1023.	31.5	29
6	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
7	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
8	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
9	Phonon emission and arrival times of electrons from a single-electron source. <i>Physical Review B</i> , 2016, 93, .	3.2	19
10	Improvement of electron pump accuracy by a potential-shape-tunable quantum dot pump. <i>Physical Review B</i> , 2014, 90, .	3.2	34
11	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