

Lian-Fu Wei

List of Publications by Year in descending order

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16
papers

166
citations

1478505

6
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

166
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted photonic routers with chiral photon-atom interactions. <i>Physical Review A</i> , 2018, 97, .	2.5	66
2	Counting near infrared photons with microwave kinetic inductance detectors. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	45
3	Hawking radiation temperatures in non-stationary Kerr black holes with different tortoise coordinate transformations. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	14
4	Cryogenic LED pixel-to-frequency mapper for kinetic inductance detector arrays. <i>Journal of Applied Physics</i> , 2017, 122, .	2.5	7
5	Measurement of Optical Constants of TiN and TiN/Ti/TiN Multilayer Films for Microwave Kinetic Inductance Photon-Number-Resolving Detectors. <i>Journal of Low Temperature Physics</i> , 2019, 194, 361-369.	1.4	7
6	Network modeling of non-ideal superconducting resonator circuits. <i>Superconductor Science and Technology</i> , 2020, 33, 075004.	3.5	7
7	Gauge-covariant properties of a linear nonautonomous quantum system: time-dependent even and odd coherent states. <i>Journal of Physics A</i> , 2002, 35, 435-445.	1.6	6
8	Simulating the Landau-Zener transitions and Landau-Zener-Stückelberg interferometers with compacted optical waveguides: An invariant method. <i>Physical Review A</i> , 2019, 99, .	2.5	4
9	Hawking Radiation of a Kaluza-Klein Black Hole Described by Landauer Transport Model. <i>Communications in Theoretical Physics</i> , 2012, 58, 513-516.	2.5	3
10	Three-Dimensional Compacted Optical Waveguide Mode Converter/Splitter Designed by Invariant Engineering. <i>IEEE Journal of Quantum Electronics</i> , 2021, 57, 1-8.	1.9	3
11	Quantum routing of surface plasmons by two quantum dots. <i>Journal of Modern Optics</i> , 2019, 66, 958-964.	1.3	1
12	Lumped element granular aluminum resonators with high kinetic inductances. <i>AIP Advances</i> , 2021, 11, 065204.	1.3	1
13	Impact of anharmonic effects on two phases of VO ₂ thin-film phase transition materials. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 355302.	2.8	1
14	Gauge, canonical and Galilean transformations and the non-uniqueness of Lagrange functions. <i>European Journal of Physics</i> , 2020, 42, 015007.	0.6	1
15	Study of quasi-particle dynamics using the optical pulse response of a superconducting resonator. <i>Applied Physics Letters</i> , 2021, 119, 022601.	3.3	0
16	Generalized Bell-like inequality and maximum violation for multiparticle entangled Schrödinger cat states of spin s . <i>Physical Review A</i> , 2022, 105, .	2.5	0