

Meimei Lai

List of Publications by Year in descending order

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11
papers

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citations

1478505

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11
times ranked

211
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Two-Photon Absorption at Low Power Levels Using Tapered Optical Fibers in Rubidium Vapor. <i>Physical Review Letters</i> , 2010, 105, 173602.	7.8	96
2	Label-Free MicroRNA Optical Biosensors. <i>Nanomaterials</i> , 2019, 9, 1573.	4.1	34
3	Constraint-induced mean curvature dependence of Cartesian momentum operators. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007, 40, 4161-4168.	2.1	27
4	Label-free tapered optical fiber plasmonic biosensor. <i>Analytica Chimica Acta</i> , 2021, 1169, 338629.	5.4	27
5	Transmission degradation and preservation for tapered optical fibers in rubidium vapor. <i>Applied Optics</i> , 2013, 52, 2595.	1.8	17
6	A Secondary Operator Ordering Problem for a Charged Rigid Planar Rotator in Uniform Magnetic Field. <i>Communications in Theoretical Physics</i> , 2005, 44, 49-50.	2.5	8
7	The production of OH in a nanosecond pulsed helium plasma jet impinging on water, saline, or pigskin. <i>Journal of Applied Physics</i> , 2022, 131, .	2.5	2
8	Quantum Motion on 2D Surfaces of Spherical Topology. <i>International Journal of Theoretical Physics</i> , 2006, 45, 2464-2470.	1.2	1
9	Gauge Transformation and Constraint Induced Operator Ordering for Charged Rigid Planar Rotator in Uniform Magnetic Field. <i>Communications in Theoretical Physics</i> , 2006, 46, 843-844.	2.5	1
10	Low Light-Level Two-Photon Absorption using Tapered Optical Fibers in Rubidium Vapor. , 2011, , .		0
11	Enhanced transmission for ultra-low-power nonlinear optics experiments using tapered optical fibers in Rubidium vapor. , 2013, , .		0