Rahmat Ullah

List of Publications by Year
in descending order

15	206	1478505 6	1058476 14
papers	citations	h-index	g-index

15	15	15	74
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Two-dimensional atom localization via probe-absorption spectrum. Physical Review A, 2013, 88, .	2.5	72
2	Spatially structured transparency and transfer of optical vortices via four-wave mixing in a quantum-dot nanostructure. Physical Review A, 2020, 101, .	2.5	41
3	Two-dimensional atom localization via Raman-driven coherence. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 684-690.	2.1	26
4	Precision in single atom localization via Raman-driven coherence: Role of detuning and phase shift. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 1587-1592.	2.1	12
5	Double transparency with slow and fast light in an optomechanical system. Optics Communications, 2020, 461, 125284.	2.1	10
6	3D atom microscopy in the presence of Doppler shift. Laser Physics Letters, 2018, 15, 035202.	1.4	8
7	Precision in 2D atom localization via coherent manipulation of the Raman gain process. Laser Physics Letters, 2014, 11, 045202.	1.4	6
8	Resonance fluorescence based two- and three-dimensional atom localization. Journal of Modern Optics, 2016, 63, 1059-1067.	1.3	6
9	Sub-microwave wavelength localization of Rydberg superatoms. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 2588.	2.1	6
10	Investigation of Fano resonances in the optomechanical cavity via a magnetic field. Journal of Modern Optics, 2019, 66, 176-182.	1.3	5
11	Coherent control of symmetric and asymmetric diffraction grating via relative phase. Journal of Modern Optics, 2020, 67, 737-745.	1.3	5
12	Tunable Fano resonances via optomechanical effect and gainâ€“loss ratio in coupled microresonators. Laser Physics, 2018, 28, 116003.	1.2	4
13	Azimuthal modulation of probe absorption and transfer of optical vortices. Physica Scripta, 2020, 95, 085106.	2.5	3
14	Understanding of Collective Atom Phase Control in Modified Photon Echoes for a Near-Perfect Storage Time-Extended Quantum Memory. Entropy, 2020, 22, 900.	2.2	2
15	Analysis of Controlled Rabi Flopping in a Double Rephasing Photon Echo Scheme for Quantum Memories. Entropy, 2020, 22, 1007.	2.2	0