

# Rahmat Ullah

## List of Publications by Year in descending order

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15  
papers

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1478505

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1058476

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docs citations

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74  
citing authors

#	ARTICLE	IF	CITATIONS
1	Double transparency with slow and fast light in an optomechanical system. Optics Communications, 2020, 461, 125284.	2.1	10
2	Analysis of Controlled Rabi Flopping in a Double Rephasing Photon Echo Scheme for Quantum Memories. Entropy, 2020, 22, 1007.	2.2	0
3	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
4	Coherent control of symmetric and asymmetric diffraction grating via relative phase. Journal of Modern Optics, 2020, 67, 737-745.	1.3	5
5	Azimuthal modulation of probe absorption and transfer of optical vortices. Physica Scripta, 2020, 95, 085106.	2.5	3
6	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
7	Investigation of Fano resonances in the optomechanical cavity via a magnetic field. Journal of Modern Optics, 2019, 66, 176-182.	1.3	5
8	3D atom microscopy in the presence of Doppler shift. Laser Physics Letters, 2018, 15, 035202.	1.4	8
9	Tunable Fano resonances via optomechanical effect and gain-loss ratio in coupled microresonators. Laser Physics, 2018, 28, 116003.	1.2	4
10	Sub-microwave wavelength localization of Rydberg superatoms. Journal of the Optical Society of America B: Optical Physics, 2018, 35, 2588.	2.1	6
11	Resonance fluorescence based two- and three-dimensional atom localization. Journal of Modern Optics, 2016, 63, 1059-1067.	1.3	6
12	Precision in 2D atom localization via coherent manipulation of the Raman gain process. Laser Physics Letters, 2014, 11, 045202.	1.4	6
13	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
14	Two-dimensional atom localization via probe-absorption spectrum. Physical Review A, 2013, 88, .	2.5	72
15	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