Hazrat Ali

List of Publications by Year
in descending order

21 papers	99 citations	1478505 6 h-index	1474206 9 g-index
22 all docs	22 docs citations	22 times ranked	42 citing authors

#	Article	IF	Citations
1	Control of Group Velocity via Spontaneous Generated Coherence and Kerr Nonlinearity. Communications in Theoretical Physics, 2014, 62, 410-416.	2.5	15
2	The effect of Kerr nonlinearity and Doppler broadening on slow light propagation. Laser Physics, 2014, 24, 025201.	1.2	10
3	Control of Wave Propagation and Effect of Kerr Nonlinearity on Group Index. Communications in Theoretical Physics, 2013, 60, 87-92.	2.5	9
4	Magneto-optical rotation of surface plasmon polaritons. Journal Physics D: Applied Physics, 2021, 54, 175107.	2.8	8
5	Control of surface plasmon-polaritons at interfaces between triple quantum dots and nanocomposites. Journal of Optics (United Kingdom), 2020, 22, 115002.	2.2	8
6	Coherent control of surface plasmon polariton via spontaneously generated coherence. European Physical Journal Plus, 2021, 136, 1.	2.6	6
7	Synthesis of enriched boron nitride nanocrystals: A potential element for biomedical applications. Applied Radiation and Isotopes, 2020, 166, 109404.	1.5	5
8	Effect of Magnesium Doping on Voltage Decay of Nickelâ€Rich Cathode Materials. ChemistrySelect, 2021, 6, 13301-13308.	1.5	5
9	Control of the Faraday rotation via electromagnetically induced transparency medium and graphene metasurfaces. Journal of Optics (United Kingdom), 2019, 21, 105401.	2.2	3
10	Control over spectral hole burning via spontaneously generated coherence and Kerr non-linearity. Optik, 2020, 224, 165558.	2.9	3
11	Facile Synthesis of High-Quality Nano-Size 10B-Enriched Fibers of Hexagonal Boron Nitride. Crystals, 2021, 11, 222.	2.2	3
12	Polarization state and image rotation via spontaneously generated coherence in a spinning fast light medium. Communications in Theoretical Physics, 2020, 72, 115502.	2.5	3
13	Electromagnetically induced grating via Kerr nonlinearity and spontaneously generated coherence in a Doppler broadened four-level N-type atomic system. Physica Scripta, 0, , .	2.5	2
14	Coherent Surface Plasmon Hole Burning via Spontaneously Generated Coherence. Molecules, 2021, 26, 6497.	3.8	2
15	Enhanced magneto-optical rotation of probe field in thermal medium via spontaneous generated coherence. Scientific Reports, 2022, 12, .	3.3	2
16	The influence of Kerr field and Doppler broadening on magneto optical and image state rotation. Results in Physics, 2022, 39, 105697.	4.1	2
17	Defect-mediated photoluminescence enhancement in ZnO/ITO via MeV Cu++ ion irradiation. Applied Radiation and Isotopes, 2021, 169, 109461.	1.5	1
18	Coherent control of magneto-optical Faraday rotation at terahertz frequencies in graphene-based metasurfaces via electromagnetically induced transparency. Physica Scripta, 2021, 96, 095101.	2.5	1

#	Article	IF	Citations
19	Enhancement of the Goos-HÃnchen shift in an optomechancal cavity via Casimir force. Physica Scripta, 2021, 96, 125104.	2.5	1
20	Manipulation of Goosâ€“HÃnchan shifts at an optical latticeâ€“graphene interface. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 135, 114989.	2.7	1
21	Doppler broadening and squeezing-induced sub- and super-luminal group velocity in a driven qubit model. European Physical Journal Plus, 2021, 136, 1.	2.6	0