

# Hazrat Ali

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8118132/publications.pdf>

Version: 2024-02-01

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	Manipulation of Goos-Hänchen shifts at an optical lattice-graphene interface. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2022, 135, 114989.	2.7	1
2	Enhanced magneto-optical rotation of probe field in thermal medium via spontaneous generated coherence. <i>Scientific Reports</i> , 2022, 12, .	3.3	2
3	The influence of Kerr field and Doppler broadening on magneto optical and image state rotation. <i>Results in Physics</i> , 2022, 39, 105697.	4.1	2
4	Facile Synthesis of High-Quality Nano-Size 10B-Enriched Fibers of Hexagonal Boron Nitride. <i>Crystals</i> , 2021, 11, 222.	2.2	3
5	Magneto-optical rotation of surface plasmon polaritons. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 175107.	2.8	8
6	Defect-mediated photoluminescence enhancement in ZnO/ITO via MeV Cu <sup>++</sup> ion irradiation. <i>Applied Radiation and Isotopes</i> , 2021, 169, 109461.	1.5	1
7	Coherent control of surface plasmon polariton via spontaneously generated coherence. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	6
8	Coherent control of magneto-optical Faraday rotation at terahertz frequencies in graphene-based metasurfaces via electromagnetically induced transparency. <i>Physica Scripta</i> , 2021, 96, 095101.	2.5	1
9	Enhancement of the Goos-Hänchen shift in an optomechanical cavity via Casimir force. <i>Physica Scripta</i> , 2021, 96, 125104.	2.5	1
10	Doppler broadening and squeezing-induced sub- and super-luminal group velocity in a driven qubit model. <i>European Physical Journal Plus</i> , 2021, 136, 1.	2.6	0
11	Coherent Surface Plasmon Hole Burning via Spontaneously Generated Coherence. <i>Molecules</i> , 2021, 26, 6497.	3.8	2
12	Effect of Magnesium Doping on Voltage Decay of Nickel-Rich Cathode Materials. <i>ChemistrySelect</i> , 2021, 6, 13301-13308.	1.5	5
13	Control over spectral hole burning via spontaneously generated coherence and Kerr non-linearity. <i>Optik</i> , 2020, 224, 165558.	2.9	3
14	Polarization state and image rotation via spontaneously generated coherence in a spinning fast light medium. <i>Communications in Theoretical Physics</i> , 2020, 72, 115502.	2.5	3
15	Control of surface plasmon-polaritons at interfaces between triple quantum dots and nanocomposites. <i>Journal of Optics (United Kingdom)</i> , 2020, 22, 115002.	2.2	8
16	Synthesis of enriched boron nitride nanocrystals: A potential element for biomedical applications. <i>Applied Radiation and Isotopes</i> , 2020, 166, 109404.	1.5	5
17	Control of the Faraday rotation via electromagnetically induced transparency medium and graphene metasurfaces. <i>Journal of Optics (United Kingdom)</i> , 2019, 21, 105401.	2.2	3
18	Control of Group Velocity via Spontaneous Generated Coherence and Kerr Nonlinearity. <i>Communications in Theoretical Physics</i> , 2014, 62, 410-416.	2.5	15

#	ARTICLE	IF	CITATIONS
19	The effect of Kerr nonlinearity and Doppler broadening on slow light propagation. Laser Physics, 2014, 24, 025201.	1.2	10
20	Control of Wave Propagation and Effect of Kerr Nonlinearity on Group Index. Communications in Theoretical Physics, 2013, 60, 87-92.	2.5	9
21	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