

Pritam Khan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9337603/publications.pdf>

Version: 2024-02-01

28
papers

291
citations

933447

10
h-index

940533

16
g-index

29
all docs

29
docs citations

29
times ranked

218
citing authors

#	ARTICLE	IF	CITATIONS
1	Circular Polarization Conversion in Single Plasmonic Spherical Particles. Nano Letters, 2022, 22, 1504-1510.	9.1	2
2	Light-Induced Effects in Amorphous Chalcogenide Glasses: Femtoseconds to Seconds. Physics, 2021, 3, 255-274.	1.4	7
3	Pulse-duration dependence of saturable and reverse saturable absorption in ZnCo ₂ O ₄ microflowers. Optical Materials, 2021, 120, 111459.	3.6	1
4	Unveiling and engineering of third-order optical nonlinearities in NiCo ₂ O ₄ nanoflowers. Optics Letters, 2021, 46, 5930.	3.3	11
5	Direct visualization of phase-matched efficient second harmonic and broadband sum frequency generation in hybrid plasmonic nanostructures. Light: Science and Applications, 2020, 9, 180.	16.6	24
6	Characterisation and Manipulation of Polarisation Response in Plasmonic and Magneto-Plasmonic Nanostructures and Metamaterials. Symmetry, 2020, 12, 1365.	2.2	16
7	Near resonant nanosecond laser-driven nonlinear optical response in As ₅₀ S ₅₀ thin films. Journal Physics D: Applied Physics, 2020, 53, 245102.	2.8	9
8	Ultrafast light-driven simultaneous excitation of coherent terahertz magnons and phonons in multiferroic BiFeO_3 . Physical Review B, 2020, 101, .	8.2	16
9	Excitation of coherent optical phonons in iron garnet by femtosecond laser pulses. Journal of Physics Condensed Matter, 2019, 31, 275402.	1.8	7
10	Quantification of nonlinear absorption in ternary As-Sb-Se chalcogenide glasses. Journal of Applied Physics, 2019, 125, .	2.5	18
11	Ultrafast light-induced softening of chalcogenide thin films above the rigidity percolation transition. Journal of Applied Physics, 2018, 124, 125702.	2.5	3
12	Kinetics of photo-dissolution within Ag/As ₂ S ₃ heterostructure. Journal of Non-Crystalline Solids, 2018, 500, 468-474.	3.1	9
13	Investigation of temperature dependent optical modes in Ge _x As _{35-x} Se ₆₅ thin films: Structure specific Raman, FIR and optical absorption spectroscopy. Thin Solid Films, 2017, 621, 76-83.	1.8	7
14	Strong exciton-localized plasmon coupling in a-Ge ₂₄ Se ₇₆ /AuNP heterostructure. APL Materials, 2016, 4, 106105.	5.1	5
15	Observation of giant photodarkening and temperature mediated transition to photobleaching in As ₂ Se ₃ /Ag/Se trilayer. Journal of Non-Crystalline Solids, 2016, 449, 70-74.	3.1	7
16	Nanosecond light induced, thermally tunable transient dual absorption bands in a-Ge ₅ As ₃₀ Se ₆₅ thin film. Scientific Reports, 2015, 4, 6573.	3.3	16
17	Tuning nanosecond transient absorption in a-Ge ₂₅ As ₁₀ Se ₆₅ thin films via background illumination. Optics Letters, 2015, 40, 4512.	3.3	5
18	Observation of photobleaching and intensity dependent kinetics in Ge ₂₂ As ₂₂ Se ₅₆ thin films under sub-bandgap light illumination. IOP Conference Series: Materials Science and Engineering, 2015, 73, 012073.	0.6	0

#	ARTICLE	IF	CITATIONS
19	Nanosecond light-induced transient absorption in As ₂ S ₃ : Self-trapped exciton recombination in amorphous chalcogenides. <i>Journal of Non-Crystalline Solids</i> , 2015, 426, 72-77.	3.1	9
20	Tailoring between network rigidity and nanosecond transient absorption in a-Ge _x As _{35-x} Se ₆₅ thin films. <i>Optics Letters</i> , 2015, 40, 768.	3.3	9
21	First observation of the temperature-dependent light-induced response of Ge ₂₅ As ₁₀ Se ₆₅ thin films. <i>Optics Letters</i> , 2015, 40, 1559.	3.3	10
22	Photoinduced formation of Ag nanoparticles on the surface of As ₂ S ₃ /Ag thin bilayer. <i>Materials Research Express</i> , 2014, 1, 045025.	1.6	7
23	Composition dependent light induced crossover from photodarkening to photobleaching in Ge _x As _{35-x} Se ₆₅ thin films. , 2014, , .		0
24	Role of Ge:As ratio in controlling the light-induced response of a-Ge _x As _{35-x} Se ₆₅ thin films. <i>Scientific Reports</i> , 2014, 4, 4029.	3.3	32
25	Nanosecond light induced transient absorption in a-Ge ₅ As ₃₀ Se ₆₅ thin films. , 2013, , .		0
26	Time evolution of photo-generated defect states in a-Se thin films. , 2013, , .		0
27	Light induced diffusion driven self assembly of Ag nanoparticles in a-Se/Ag bi-layer thin film with ultrafast optical response. <i>Applied Physics Letters</i> , 2013, 102, 213110.	3.3	17
28	Coexistence of fast photodarkening and slow photobleaching in Ge ₁₉ As ₂₁ Se ₆₀ thin films. <i>Optics Express</i> , 2012, 20, 12416.	3.4	43