M Idrish Miah

List of Publications by Year
in descending order

25	164	1307594 7	1125743 13
papers	citations	h-index	g-index

26	26	26	133
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Defect-induced excitonic traps and nonlinear visible photoluminescence: a multiphoton spectroscopic diagnosis. Journal of Optics (India), 2022, 51, 552-556.	1.7	1
2	Phonon assisted momentum relaxation, power dissipation and spin relaxation: Drifted Maxwellian approach. Solid State Communications, 2021, 329, 114255.	1.9	0
3	Optical limiting and reverse-saturable absorption in glycerol. Journal of Optics (India), 2021, 50, 459-465.	1.7	1
4	Observation of Optically Induced Spin Dephasing and Dynamics Under Combined Electric and Magnetic Fields in Semiconductor Quantum Wells. Journal of Superconductivity and Novel Magnetism, 2021, 34, 2607-2610.	1.8	0
5	Size- and temperature-control optical direct/indirect band tuning in layered compounds: band gap engineering. Optical and Quantum Electronics, 2021, 53, 1.	3.3	1
6	Size effect of semiconductor quantum wells in excitonic spin generation under drift. Optoelectronics Letters, 2020, 16, 318-320.	0.8	1
7	Optical power limiting and transmitting properties of potassium aluminium sulfate: crystal-size dependence. Journal of Optics (India), 2018, 47, 251-255.	1.7	1
8	Energy and spin relaxations in drift transport of carriers: effects of polar optical hot phonon generation. European Physical Journal B, 2018, 91, 1.	1.5	0
9	Multiphoton excitation and thermal activation in indirect bandgap semiconductors. Optical and Quantum Electronics, 2018, 50, 1.	3.3	1
10	Magnetic field control of the optically generated spin kinetics: effect of the exchange field. Optical and Quantum Electronics, 2016, 48, 1.	3.3	0
11	Optoelectronic spin memories of electrons in semiconductors. Applied Nanoscience (Switzerland), 2016, 6, 319-322.	3.1	2
12	Photo-induced excitonic spin dynamics in GaAs. Optical and Quantum Electronics, 2015, 47, 1239-1244.	3.3	2
13	LONG SPIN MEMORY TIMES AND FLIPPING FEATURES IN GaAs: THE HYPERFINE COUPLING EFFECT. Optics and Photonics Letters, 2013, , 1350005.	0.8	2
14	Bias-induced reduction of the electronâ€“hole coupling. Solid State Sciences, 2011, 13, 1709-1713.	3.2	2
15	Spin Kinetics in Low-Dimensional Semiconductor Systems. Spectroscopy Letters, 2011, 44, 307-311.	1.0	0
16	Dephasing of optically generated electron spins in semiconductors. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 4247-4249.	2.1	3
17	Bandgap Shifting Effect in Spin Injection. Spectroscopy Letters, 2009, 42, 431-435.	1.0	4
18	Two-Photon Spin-Polarization Spectroscopy in Silicon-Doped GaAs. Journal of Physical Chemistry B, 2009, 113, 6800-6802.	2.6	13

#	Article	IF	Citations
19	A Large Enhancement of Photoinduced Second Harmonic Generation in CdI2â^'Cu Layered Nanocrystals. Journal of Physical Chemistry B, 2009, 113, 1652-1654.	2.6	8
20	Spin drift and spin diffusion currents in semiconductors. Science and Technology of Advanced Materials, 2008, 9, 035014.	6.1	9
21	Drift-diffusion crossover and the intrinsic spin diffusion lengths in semiconductors. Journal of Applied Physics, 2008, 103, 063718.	2.5	15
22	Size- and temperature-dependent second-order optical effects in copper-doped cadmium iodide nanocrystals. Journal of Applied Physics, 2008, 104, .	2.5	16
23	Diffusive to drift-diffusion crossover of spin transport in the low-field regime. Applied Physics Letters, 2008, 92, 092104.	3.3	13
24	Observation of the anomalous Hall effect in GaAs. Journal Physics D: Applied Physics, 2007, 40, 1659-1663.	2.8	53
25	Stimulated photoluminescence and optical limiting in CdI2. Optical Materials, 2002, 20, 279-282.	3.6	16