

M Idrish Miah

List of Publications by Year in descending order

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25
papers

164
citations

1307594

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1125743

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26
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26
docs citations

26
times ranked

133
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Observation of the anomalous Hall effect in GaAs. Journal Physics D: Applied Physics, 2007, 40, 1659-1663. | 2.8 | 53 |
| 2 | Stimulated photoluminescence and optical limiting in CdI ₂ . Optical Materials, 2002, 20, 279-282. | 3.6 | 16 |
| 3 | Size- and temperature-dependent second-order optical effects in copper-doped cadmium iodide nanocrystals. Journal of Applied Physics, 2008, 104, . | 2.5 | 16 |
| 4 | Drift-diffusion crossover and the intrinsic spin diffusion lengths in semiconductors. Journal of Applied Physics, 2008, 103, 063718. | 2.5 | 15 |
| 5 | Diffusive to drift-diffusion crossover of spin transport in the low-field regime. Applied Physics Letters, 2008, 92, 092104. | 3.3 | 13 |
| 6 | Two-Photon Spin-Polarization Spectroscopy in Silicon-Doped GaAs. Journal of Physical Chemistry B, 2009, 113, 6800-6802. | 2.6 | 13 |
| 7 | Spin drift and spin diffusion currents in semiconductors. Science and Technology of Advanced Materials, 2008, 9, 035014. | 6.1 | 9 |
| 8 | A Large Enhancement of Photoinduced Second Harmonic Generation in CdI ₂ ~Cu Layered Nanocrystals. Journal of Physical Chemistry B, 2009, 113, 1652-1654. | 2.6 | 8 |
| 9 | Bandgap Shifting Effect in Spin Injection. Spectroscopy Letters, 2009, 42, 431-435. | 1.0 | 4 |
| 10 | 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 |
| 11 | Bias-induced reduction of the electron~hole coupling. Solid State Sciences, 2011, 13, 1709-1713. | 3.2 | 2 |
| 12 | LONG SPIN MEMORY TIMES AND FLIPPING FEATURES IN GaAs: THE HYPERFINE COUPLING EFFECT. Optics and Photonics Letters, 2013, , 1350005. | 0.8 | 2 |
| 13 | Photo-induced excitonic spin dynamics in GaAs. Optical and Quantum Electronics, 2015, 47, 1239-1244. | 3.3 | 2 |
| 14 | Optoelectronic spin memories of electrons in semiconductors. Applied Nanoscience (Switzerland), 2016, 6, 319-322. | 3.1 | 2 |
| 15 | Optical power limiting and transmitting properties of potassium aluminium sulfate: crystal-size dependence. Journal of Optics (India), 2018, 47, 251-255. | 1.7 | 1 |
| 16 | Multiphoton excitation and thermal activation in indirect bandgap semiconductors. Optical and Quantum Electronics, 2018, 50, 1. | 3.3 | 1 |
| 17 | Size effect of semiconductor quantum wells in excitonic spin generation under drift. Optoelectronics Letters, 2020, 16, 318-320. | 0.8 | 1 |
| 18 | Optical limiting and reverse-saturable absorption in glycerol. Journal of Optics (India), 2021, 50, 459-465. | 1.7 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Size- and temperature-control optical direct/indirect band tuning in layered compounds: band gap engineering. <i>Optical and Quantum Electronics</i> , 2021, 53, 1. | 3.3 | 1 |
| 20 | Defect-induced excitonic traps and nonlinear visible photoluminescence: a multiphoton spectroscopic diagnosis. <i>Journal of Optics (India)</i> , 2022, 51, 552-556. | 1.7 | 1 |
| 21 | Spin Kinetics in Low-Dimensional Semiconductor Systems. <i>Spectroscopy Letters</i> , 2011, 44, 307-311. | 1.0 | 0 |
| 22 | Magnetic field control of the optically generated spin kinetics: effect of the exchange field. <i>Optical and Quantum Electronics</i> , 2016, 48, 1. | 3.3 | 0 |
| 23 | Energy and spin relaxations in drift transport of carriers: effects of polar optical hot phonon generation. <i>European Physical Journal B</i> , 2018, 91, 1. | 1.5 | 0 |
| 24 | Phonon assisted momentum relaxation, power dissipation and spin relaxation: Drifted Maxwellian approach. <i>Solid State Communications</i> , 2021, 329, 114255. | 1.9 | 0 |
| 25 | Observation of Optically Induced Spin Dephasing and Dynamics Under Combined Electric and Magnetic Fields in Semiconductor Quantum Wells. <i>Journal of Superconductivity and Novel Magnetism</i> , 2021, 34, 2607-2610. | 1.8 | 0 |