

# Mehedi Hasan Rizvi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8035159/publications.pdf>

Version: 2024-02-01

18  
papers

465  
citations

840776

11  
h-index

996975

15  
g-index

18  
all docs

18  
docs citations

18  
times ranked

507  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetic Alignment for Plasmonic Control of Gold Nanorods Coated with Iron Oxide Nanoparticles. <i>Advanced Materials</i> , 2022, 34, .	21.0	20
2	Plasmon-Coupled Gold Nanoparticles in Stretched Shape-Memory Polymers for Mechanical/Thermal Sensing. <i>ACS Applied Nano Materials</i> , 2021, 4, 3911-3921.	5.0	13
3	Controlled Organization of Inorganic Materials Using Biological Molecules for Activating Therapeutic Functionalities. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 39030-39041.	8.0	10
4	Flexible Cyclic Poly(phthalaldehyde)/Poly( $\epsilon$ -caprolactone) Blend Fibers with Fast Daylight-Triggered Transience. <i>Macromolecular Rapid Communications</i> , 2021, 42, 2000657.	3.9	2
5	Sulfidation and selenidation of nickel nanoparticles. , 2020, 3, 582.		10
6	Programmable Anisotropy and Percolation in Supramolecular Patchy Particle Gels. <i>ACS Nano</i> , 2020, 14, 17018-17027.	14.6	21
7	Effect of Preparation Routes on the Crystal Purity and Properties of $\text{BiFeO}_3$ Nanoparticles. <i>Transactions on Electrical and Electronic Materials</i> , 2019, 20, 485-493.	1.9	16
8	Fabrication of Bismuth Vanadate ( $\text{BiVO}_4$ ) Nanoparticles by a Facile Route. <i>Transactions on Electrical and Electronic Materials</i> , 2019, 20, 522-529.	1.9	6
9	Bandgap Tuning of Sm and Co Co-doped BFO Nanoparticles for Photovoltaic Application. <i>Journal of Electronic Materials</i> , 2018, 47, 6954-6958.	2.2	37
10	Dy doped $\text{BiFeO}_3$ : A bulk ceramic with improved multiferroic properties compared to nano counterparts. <i>Ceramics International</i> , 2017, 43, 9191-9199.	4.8	48
11	Enhancement of initial permeability and reduction of loss factor in Zn substituted nanocrystalline $\text{Li}_{0.35}\text{Ni}_{0.3}\text{Zn}_x\text{Fe}_{2.35}\text{O}_4$ . <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 424, 108-114.	2.3	19
12	Enhancing magnetoelectric and optical properties of co-doped bismuth ferrite multiferroic nanostructures. , 2017, , .		6
13	Size dependent magnetic and electrical properties of Ba-doped nanocrystalline $\text{BiFeO}_3$ . <i>AIP Advances</i> , 2016, 6, .	1.3	49
14	Correlation of charge defects and morphology with magnetic and electrical properties of Sr and Ta codoped $\text{BiFeO}_3$ . <i>Journal of Alloys and Compounds</i> , 2016, 688, 1186-1194.	5.5	35
15	Saturation magnetization and band gap tuning in $\text{BiFeO}_3$ nanoparticles via co-substitution of Gd and Mn. <i>Journal of Alloys and Compounds</i> , 2016, 687, 701-706.	5.5	72
16	A soft chemical route to the synthesis of $\text{BiFeO}_3$ nanoparticles with enhanced magnetization. <i>Materials Research Bulletin</i> , 2016, 73, 179-186.	5.2	72
17	Structural, Dielectric, and Magnetic Properties of Ba-Doped Multiferroic Bismuth Ferrite. <i>Acta Metallurgica Sinica (English Letters)</i> , 2015, 28, 958-964.	2.9	22
18	Development of Ceramic Candle Filters by Slip Casting Process. <i>Key Engineering Materials</i> , 0, 608, 85-90.	0.4	7