

# Md Abdus Subhan

## List of Publications by Citations

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33  
papers

596  
citations

15  
h-index

24  
g-index

33  
ext. papers

835  
ext. citations

4.6  
avg, IF

4.7  
L-index

#	Paper	IF	Citations
33	Synthesis, characterization, PL properties, photocatalytic and antibacterial activities of nano multi-metal oxide NiO/CeO <sub>2</sub> /ZnO. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 136 Pt B, 824-31	4.4	54
32	Efficient nanocarriers of siRNA therapeutics for cancer treatment. <i>Translational Research</i> , <b>2019</b> , 214, 62-91	11	49
31	Structural study, photoluminescence and photocatalytic properties of La <sub>2</sub> O <sub>3</sub> /Fe <sub>3</sub> O <sub>4</sub> /ZnO, AgO/NiO/ZnO and La <sub>2</sub> O <sub>3</sub> /AgO/ZnO nanocomposites. <i>Nano Structures Nano Objects</i> , <b>2017</b> , 10, 30-41	5.6	48
30	Recent Advances in Tumor Targeting via EPR Effect for Cancer Treatment. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	41
29	Synthesis, characterization, low temperature solid state PL and photocatalytic activities of Ag/CeO <sub>2</sub> /ZnO nanocomposite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 151, 56-63	4.4	38
28	Fabrication of a 2,4-dinitrophenol sensor based on Fe <sub>3</sub> O <sub>4</sub> @Ag@Ni nanomaterials and studies on their antibacterial properties. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 872-881	3.6	38
27	siRNA based drug design, quality, delivery and clinical translation. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2020</b> , 29, 102239	6	34
26	Photoluminescence, photocatalytic and antibacterial activities of CeO <sub>2</sub> /CuO/ZnO nanocomposite fabricated by co-precipitation method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 149, 839-50	4.4	34
25	Development of Bis-Phenol A sensor based on Fe <sub>2</sub> MoO <sub>4</sub> /Fe <sub>3</sub> O <sub>4</sub> /ZnO nanoparticles for sustainable environment. <i>Journal of Environmental Chemical Engineering</i> , <b>2018</b> , 6, 1396-1403	6.8	26
24	Enhanced photocatalytic activity and ultra-sensitive benzaldehyde sensing performance of a SnO <sub>2</sub> /ZnO/TiO <sub>2</sub> nanomaterial.. <i>RSC Advances</i> , <b>2018</b> , 8, 33048-33058	3.7	25
23	Efficient selective 4-aminophenol sensing and antibacterial activity of ternary Ag <sub>2</sub> O <sub>3</sub> /SnO <sub>2</sub> /Cr <sub>2</sub> O <sub>3</sub> nanoparticles. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 10352-10365	3.6	24
22	Enhanced visible light-mediated photocatalysis, antibacterial functions and fabrication of a 3-chlorophenol sensor based on ternary AgO/BiO/CaO.. <i>RSC Advances</i> , <b>2020</b> , 10, 11274-11291	3.7	24
21	Photocatalytic and Antibacterial Activities of Ag/ZnO Nanocomposites Fabricated by Co-Precipitation Method. <i>Acta Metallurgica Sinica (English Letters)</i> , <b>2014</b> , 27, 223-232	2.5	23
20	Photocatalysis, enhanced anti-bacterial performance and discerning thiourea sensing of Ag <sub>2</sub> O/SnO <sub>2</sub> /TiO <sub>2</sub> hetero-structure. <i>Journal of Environmental Chemical Engineering</i> , <b>2020</b> , 8, 104051	6.8	17
19	Enhanced photocatalytic activity and chemical sensor development based on ternary B <sub>2</sub> O <sub>3</sub> /Zn <sub>6</sub> Al <sub>2</sub> O <sub>9</sub> /ZnO nanomaterials for environmental safety. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 7220-7231	3.6	16
18	X-ray structure and spectroscopy of novel trans-[Ni(L)(NO(3))(2)] and [Ni(L)](ClO(4))(2)·H(2)O complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 123, 410-5	4.4	15
17	Development of an ultra-sensitive para-nitrophenol sensor using tri-metallic oxide MoO <sub>3</sub> /Fe <sub>3</sub> O <sub>4</sub> /CuO nanocomposites. <i>Materials Advances</i> , <b>2020</b> , 1, 2831-2839	3.3	12

16	Enhancing the Performance of Dye Sensitized Solar Cells Using Silver Nanoparticles Modified Photoanode. <i>Molecules</i> , <b>2020</b> , 25,	4.8	11
15	Synthesis, structure, PL and photocatalytic activities of La <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> /CeO <sub>2</sub> /ZnO fabricated by co-precipitation method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 138, 827-33	4.4	10
14	Advances with Molecular Nanomaterials in Industrial Manufacturing Applications. <i>Nanomanufacturing</i> , <b>2021</b> , 1, 75-97		10
13	Photoluminescence and enhanced visible light driven photocatalysis studies of MoO <sub>3</sub> /CuO/ZnO nanocomposite. <i>Research on Chemical Intermediates</i> , <b>2018</b> , 44, 6311-6326	2.8	8
12	Structure and photoluminescence studies of CeO <sub>2</sub> /CuAlO <sub>2</sub> mixed metal oxide fabricated by co-precipitation method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 135, 466-71	4.4	7
11	Synthesis, characterization and spectroscopic investigations of novel nano multi-metal oxide Co <sub>3</sub> O <sub>4</sub> /CeO <sub>2</sub> /ZnO. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 129, 377-384	4.4	7
10	Synthesis, structure and excitation wavelength dependent PL properties of novel nanocomposite La <sub>2</sub> O <sub>2</sub> CO <sub>3</sub> /CuO/ZnO. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 132, 550-4	4.4	6
9	Photocatalysis, photoinduced enhanced anti-bacterial functions and development of a selective -tolyl hydrazine sensor based on mixed Ag/NiMnO nanomaterials.. <i>RSC Advances</i> , <b>2020</b> , 10, 30603-30619	3.7	5
8	Advances in siRNA delivery strategies for the treatment of MDR cancer. <i>Life Sciences</i> , <b>2021</b> , 274, 1193376.8		4
7	NIR and CT luminescence spectra of [Yb(TFN)(S-BINAPO)] and [Yb(HFA)(S-BINAPO)] complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 130, 37-40	4.4	3
6	Photocatalytic, anti-bacterial performance and development of 2,4-diaminophenylhydrazine chemical sensor probe based on ternary doped Ag/BrSnO <sub>3</sub> nanorods. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 1634-1650	3.6	3
5	Neutrophils as an emerging therapeutic target and tool for cancer therapy. <i>Life Sciences</i> , <b>2021</b> , 285, 1199552	3.5	3
4	Photocatalytic performance, anti-bacterial activities and 3-chlorophenol sensor fabrication using MnAl <sub>2</sub> O <sub>4</sub> /ZnAl <sub>2</sub> O <sub>4</sub> nanomaterials. <i>Nanoscale Advances</i> ,	5.1	1
3	Targeted siRNA nanotherapeutics against breast and ovarian metastatic cancer: a comprehensive review of the literature.. <i>Nanomedicine</i> , <b>2022</b> , 17, 41-64	5.6	0
2	Recent Development in Metallic Nanoparticles for Breast Cancer Therapy and Diagnosis.. <i>Chemical Record</i> , <b>2022</b> , e202100331	6.6	0
1	Development of a 4-Nitrophenylhydrazine Sensor Based on MgTi <sub>2</sub> O <sub>4</sub> ?TiO <sub>2</sub> ?Zn <sub>2</sub> TiO <sub>4</sub> Nanomaterials. <i>ChemistrySelect</i> , <b>2021</b> , 6, 323-331	1.8	