Md Abdus Subhan

List of Publications by Year in Descending Order

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	Targeted siRNA nanotherapeutics against breast and ovarian metastatic cancer: a comprehensive review of the literature.. *Nanomedicine*, **2022**, 17, 41-64	5.6	0
32	Recent Development in Metallic Nanoparticles for Breast Cancer Therapy and Diagnosis.. *Chemical Record*, **2022**, e202100331	6.6	0
31	Advances in siRNA delivery strategies for the treatment of MDR cancer. *Life Sciences*, **2021**, 274, 119337	6.8	4
30	Recent Advances in Tumor Targeting via EPR Effect for Cancer Treatment. *Journal of Personalized Medicine*, **2021**, 11,	3.6	41
29	Photocatalytic, anti-bacterial performance and development of 2,4-diaminophenylhydrazine chemical sensor probe based on ternary doped Ag□SrSnO3 nanorods. *New Journal of Chemistry*, **2021**, 45, 1634-1650	3.6	3
28	Development of a 4-Nitrophenylhydrazine Sensor Based on MgTi2O4?TiO2?Zn2TiO4 Nanomaterials. *ChemistrySelect*, **2021**, 6, 323-331	1.8	
27	Advances with Molecular Nanomaterials in Industrial Manufacturing Applications. *Nanomanufacturing*, **2021**, 1, 75-97		10
26	Neutrophils as an emerging therapeutic target and tool for cancer therapy. *Life Sciences*, **2021**, 285, 119982	6.8	3
25	Photocatalysis, enhanced anti-bacterial performance and discerning thiourea sensing of Ag2O□SnO2□TiO2 hetero-structure. *Journal of Environmental Chemical Engineering*, **2020**, 8, 104051	6.8	17
24	siRNA based drug design, quality, delivery and clinical translation. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2020**, 29, 102239	6	34
23	Enhanced visible light-mediated photocatalysis, antibacterial functions and fabrication of a 3-chlorophenol sensor based on ternary AgO□SrO□CaO.. *RSC Advances*, **2020**, 10, 11274-11291	3.7	24
22	Photocatalysis, photoinduced enhanced anti-bacterial functions and development of a selective -tolyl hydrazine sensor based on mixed Ag□NiMnO nanomaterials.. *RSC Advances*, **2020**, 10, 30603-30619	3.7	5
21	Enhancing the Performance of Dye Sensitized Solar Cells Using Silver Nanoparticles Modified Photoanode. *Molecules*, **2020**, 25,	4.8	11
20	Development of an ultra-sensitive para-nitrophenol sensor using tri-metallic oxide MoO2□Fe3O4□CuO nanocomposites. *Materials Advances*, **2020**, 1, 2831-2839	3.3	12
19	Efficient selective 4-aminophenol sensing and antibacterial activity of ternary Ag2O3□SnO2□Cr2O3 nanoparticles. *New Journal of Chemistry*, **2019**, 43, 10352-10365	3.6	24
18	Efficient nanocarriers of siRNA therapeutics for cancer treatment. *Translational Research*, **2019**, 214, 62-91	11	49
17	Development of Bis-Phenol A sensor based on Fe2MoO4□Fe3O4□ZnO nanoparticles for sustainable environment. *Journal of Environmental Chemical Engineering*, **2018**, 6, 1396-1403	6.8	26

16	Fabrication of a 2,4-dinitrophenol sensor based on Fe3O4@Ag@Ni nanomaterials and studies on their antibacterial properties. *New Journal of Chemistry*, **2018**, 42, 872-881	3.6	38
15	Enhanced photocatalytic activity and ultra-sensitive benzaldehyde sensing performance of a SnO□ZnO□TiO nanomaterial.. *RSC Advances*, **2018**, 8, 33048-33058	3.7	25
14	Photoluminescence and enhanced visible light driven photocatalysis studies of MoO3□CuO□ZnO nanocomposite. *Research on Chemical Intermediates*, **2018**, 44, 6311-6326	2.8	8
13	Structural study, photoluminescence and photocatalytic properties of La2O3 ? Fe3O4 ? ZnO,AgO ? NiO ? ZnO and La2O3 ? AgO ? ZnO nanocomposites. *Nano Structures Nano Objects*, **2017**, 10, 30-41	5.6	48
12	Enhanced photocatalytic activity and chemical sensor development based on ternary B2O3□Zn6Al2O9□ZnO nanomaterials for environmental safety. *New Journal of Chemistry*, **2017**, 41, 7220-7231	3.6	16
11	Ag□□CeO□ZnO nanocomposite. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2015**, 151, 56-63	4.4	38
10	Synthesis, structure, PL and photocatalytic activities of La2O2CO3□CeO2□ZnO fabricated by co-precipitation method. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2015**, 138, 827-33	4.4	10
9	Synthesis, characterization, PL properties, photocatalytic and antibacterial activities of nano multi-metal oxide NiO?CeO2?ZnO. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2015**, 136 Pt B, 824-31	4.4	54
8	Structure and photoluminescence studies of CeO2□CuAlO2 mixed metal oxide fabricated by co-precipitation method. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2015**, 135, 466-71	4.4	7
7	Photoluminescence, photocatalytic and antibacterial activities of CeO2□CuO□ZnO nanocomposite fabricated by co-precipitation method. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2015**, 149, 839-50	4.4	34
6	X-ray structure and spectroscopy of novel trans-[Ni(L)(NO(3))(2)] and [Ni(L)](ClO(4))(2)□2H(2)O complexes. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2014**, 123, 410-5	4.4	15
5	NIR and CT luminescence spectra of [Yb(TFN)(S-BINAPO)] and [Yb(HFA)(S-BINAPO)] complexes. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2014**, 130, 37-40	4.4	3
4	Photocatalytic and Antibacterial Activities of Ag/ZnO Nanocomposities Fabricated by Co-Precipitation Method. *Acta Metallurgica Sinica (English Letters)*, **2014**, 27, 223-232	2.5	23
3	Synthesis, characterization and spectroscopic investigations of novel nano multi-metal oxide Co3O4□CeO2□ZnO. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2014**, 129, 377-81	4.4	7
2	Synthesis, structure and excitation wavelength dependent PL properties of novel nanocomposite La2O2CO3□CuO□ZnO. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2014**, 132, 550-4	4.4	6
1	Photocatalytic performance, anti-bacterial activities and 3-chlorophenol sensor fabrication using MnAl2O4□ZnAl2O4 nanomaterials. *Nanoscale Advances*,	5.1	1