

# Md Abdus Subhan

## List of Publications by Year in descending order

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33  
papers

1,121  
citations

471061

17  
h-index

414034

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1100  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Tumor Targeting via EPR Effect for Cancer Treatment. Journal of Personalized Medicine, 2021, 11, 571.	1.1	199
2	Efficient nanocarriers of siRNA therapeutics for cancer treatment. Translational Research, 2019, 214, 62-91.	2.2	121
3	siRNA based drug design, quality, delivery and clinical translation. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 29, 102239.	1.7	82
4	Synthesis, characterization, PL properties, photocatalytic and antibacterial activities of nano multi-metal oxide NiOâ€¦CeO2â€¦ZnO. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 824-831.	2.0	78
5	Structural study, photoluminescence and photocatalytic properties of La2O3 â€¦ Fe3O4 â€¦ ZnO, AgO â€¦ NiO â€¦ ZnO and La2O3 â€¦ AgO â€¦ ZnO nanocomposites. Nano Structures Nano Objects, 2017, 10, 30-41.	1.9	62
6	Photoluminescence, photocatalytic and antibacterial activities of CeO2Â•CuOÂ•ZnO nanocomposite fabricated by co-precipitation method. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 149, 839-850.	2.0	52
7	Synthesis, characterization, low temperature solid state PL and photocatalytic activities of Ag2OÂ•CeO2Â•ZnO nanocomposite. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 151, 56-63.	2.0	46
8	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. New Journal of Chemistry, 2018, 42, 872-881.	1.4	46
9	Enhanced visible light-mediated photocatalysis, antibacterial functions and fabrication of a 3-chlorophenol sensor based on ternary Ag<sub>2</sub>OÂ•SrOÂ•CaO. RSC Advances, 2020, 10, 11274-11291.	1.7	39
10	Advances with Molecular Nanomaterials in Industrial Manufacturing Applications. Nanomanufacturing, 2021, 1, 75-97.	1.8	36
11	Efficient selective 4-aminophenol sensing and antibacterial activity of ternary Ag<sub>2</sub>O<sub>3</sub>Â•SnO<sub>2</sub>Â•Cr<sub>2</sub>O<sub>3</sub> nanoparticles. New Journal of Chemistry, 2019, 43, 10352-10365.	1.4	33
12	Enhanced photocatalytic activity and ultra-sensitive benzaldehyde sensing performance of a SnO<sub>2</sub>Â•ZnOÂ•TiO<sub>2</sub> nanomaterial. RSC Advances, 2018, 8, 33048-33058.	1.7	32
13	Development of Bis-Phenol A sensor based on Fe2MoO4Â•Fe3O4Â•ZnO nanoparticles for sustainable environment. Journal of Environmental Chemical Engineering, 2018, 6, 1396-1403.	3.3	30
14	Photocatalytic and Antibacterial Activities of Ag/ZnO Nanocomposites Fabricated by Co-Precipitation Method. Acta Metallurgica Sinica (English Letters), 2014, 27, 223-232.	1.5	29
15	Enhancing the Performance of Dye Sensitized Solar Cells Using Silver Nanoparticles Modified Photoanode. Molecules, 2020, 25, 4021.	1.7	26
16	Development of an ultra-sensitive <i>para</i>-nitrophenol sensor using tri-metallic oxide MoO<sub>2</sub>Â•Fe<sub>3</sub>O<sub>4</sub>Â•CuO nanocomposites. Materials Advances, 2020, 1, 2831-2839.	2.6	26
17	Photocatalysis, enhanced anti-bacterial performance and discerning thiourea sensing of Ag2OÂ•SnO2Â•TiO2 hetero-structure. Journal of Environmental Chemical Engineering, 2020, 8, 104051.	3.3	26
18	Advances in siRNA delivery strategies for the treatment of MDR cancer. Life Sciences, 2021, 274, 119337.	2.0	21

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19	Neutrophils as an emerging therapeutic target and tool for cancer therapy. <i>Life Sciences</i> , 2021, 285, 119952.	2.0	18
20	Enhanced photocatalytic activity and chemical sensor development based on ternary $B_2O_3 \cdot Zn_6Al_2O_9 \cdot ZnO$ nanomaterials for environmental safety. <i>New Journal of Chemistry</i> , 2017, 41, 7220-7231.	1.4	17
21	X-ray structure and spectroscopy of novel trans-[Ni(L)(NO <sub>3</sub> ) <sub>2</sub> ] and [Ni(L)](ClO <sub>4</sub> ) <sub>2</sub> ·2H <sub>2</sub> O complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 123, 410-415.	2.0	15
22	Recent Development in Metallic Nanoparticles for Breast Cancer Therapy and Diagnosis. <i>Chemical Record</i> , 2022, 22, e202100331.	2.9	13
23	Synthesis, structure, PL and photocatalytic activities of $La_2O_2CO_3 \cdot CeO_2 \cdot ZnO$ fabricated by co-precipitation method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 138, 827-833.	2.0	12
24	Photoluminescence and enhanced visible light driven photocatalysis studies of $MoO_3 \cdot CuO \cdot ZnO$ nanocomposite. <i>Research on Chemical Intermediates</i> , 2018, 44, 6311-6326.	1.3	10
25	Synthesis, characterization and spectroscopic investigations of novel nano multi-metal oxide $Co_3O_4 \cdot CeO_2 \cdot ZnO$ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 129, 377-381.	2.0	9
26	Synthesis, structure and excitation wavelength dependent PL properties of novel nanocomposite $La_2O_2CO_3 \cdot CuO \cdot ZnO$ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 132, 550-554.	2.0	9
27	Structure and photoluminescence studies of $CeO_2 \cdot CuAlO_2$ mixed metal oxide fabricated by co-precipitation method. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 466-471.	2.0	8
28	Photocatalysis, photoinduced enhanced anti-bacterial functions and development of a selective <i>m</i> -tolyl hydrazine sensor based on mixed $Ag \cdot NiMn_2O_4$ nanomaterials. <i>RSC Advances</i> , 2020, 10, 30603-30619.	1.7	8
29	Photocatalytic performance, anti-bacterial activities and 3-chlorophenol sensor fabrication using $MnAl_2O_4 \cdot ZnAl_2O_4$ nanomaterials. <i>Nanoscale Advances</i> , 2021, 3, 5872-5889.	2.2	8
30	Photocatalytic, anti-bacterial performance and development of 2,4-diaminophenylhydrazine chemical sensor probe based on ternary doped $Ag \cdot SrSnO_3$ nanorods. <i>New Journal of Chemistry</i> , 2021, 45, 1634-1650.	1.4	5
31	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> , 2014, 130, 37-40.	2.0	3
32	Targeted siRNA nanotherapeutics against breast and ovarian metastatic cancer: a comprehensive review of the literature. <i>Nanomedicine</i> , 2022, 17, 41-64.	1.7	2
33	Development of a 4- <i>Nitrophenylhydrazine</i> Sensor Based on $MgTi_2O_4 \cdot Ti_2O_3 \cdot Zn_2TiO_4$ Nanomaterials. <i>ChemistrySelect</i> , 2021, 6, 323-331.	0.7	0