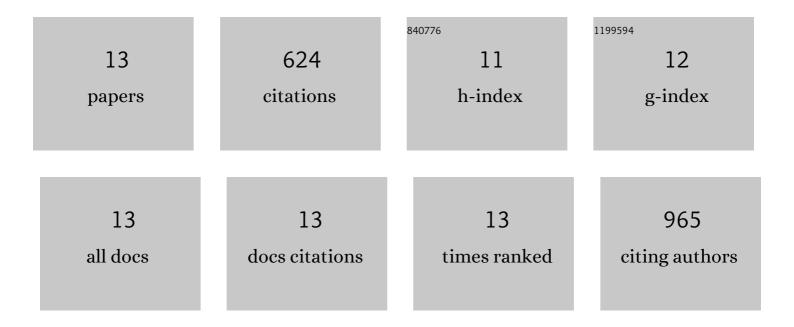
Bilal Ahmed

List of Publications by Year in descending order

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RILAL AHMED

#	Article	IF	CITATIONS
1	Sun/UV-light driven photocatalytic degradation of rhodamine B dye by Zn doped CdS nanostructures as photocatalyst. Materials Chemistry and Physics, 2022, 277, 125531.	4.0	17
2	Role of Annealing Temperature on Structural Modification of MoO3 for Enhanced Electrochemical Properties. , 2021, , 19-26.		0
3	Temperature induced modifications in shapes and crystal phases of MoO3 for enhanced photocatalytic degradation of dye waste water pollutants under UV irradiation. Journal of Alloys and Compounds, 2019, 806, 1368-1376.	5.5	36
4	Well-controlled in-situ growth of 2D WO 3 rectangular sheets on reduced graphene oxide with strong photocatalytic and antibacterial properties. Journal of Hazardous Materials, 2018, 347, 266-278.	12.4	107
5	Experimental and theoretical investigations of unusual enhancement of room temperature ferromagnetism in nickel-cobalt codoped CeO2 nanostructures. Journal of Magnetism and Magnetic Materials, 2018, 465, 756-761.	2.3	6
6	Photodegradation of phenanthrene catalyzed by rGO sheets and disk like structures synthesized using sugar cane juice as a reducing agent. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 204, 603-610.	3.9	33
7	Facile synthesis and photophysics of graphene quantum dots. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 364, 671-678.	3.9	18
8	Facile synthesis of CdO nanorods and exploiting its properties towards supercapacitor electrode materials and low power UV irradiation driven photocatalysis against methylene blue dye. Materials Research Bulletin, 2017, 90, 224-231.	5.2	71
9	Tunable (violet to green) emission by high-yield graphene quantum dots and exploiting its unique properties towards sun-light-driven photocatalysis and supercapacitor electrode materials. Materials Today Communications, 2017, 11, 76-86.	1.9	96
10	Tailoring of enhanced interfacial polarization in WO ₃ nanorods grown over reduced graphene oxide synthesized by a one-step hydrothermal method. RSC Advances, 2017, 7, 13985-13996.	3.6	37
11	One-pot synthesis of Ni doped CdS nanosheets for near infrared emission and excellent photocatalytic materials for degradation of MB dye under UV and sunlight irradiation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 179, 144-154.	3.9	42
12	Facile and controlled synthesis of aligned WO3 nanorods and nanosheets as an efficient photocatalyst material. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 175, 250-261.	3.9	77
13	Shape induced (spherical, sheets and rods) optical and magnetic properties of CdS nanostructures with enhanced photocatalytic activity for photodegradation of methylene blue dye under ultra-violet irradiation. Journal of Alloys and Compounds, 2016, 679, 324-334.	5.5	84