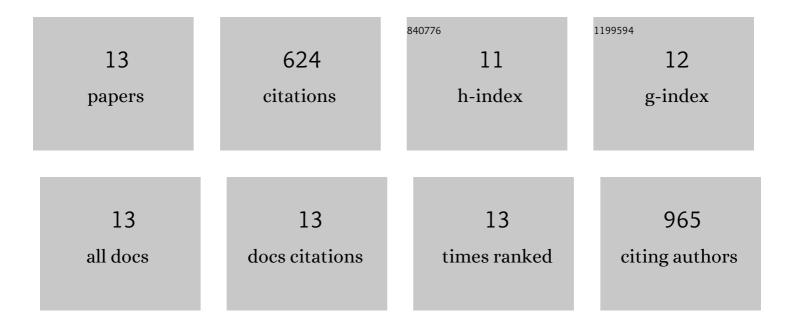
Bilal Ahmed

List of Publications by Year in descending order

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Βιιλι Δημερ

#	Article	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	Facile synthesis and photophysics of graphene quantum dots. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 364, 671-678.	3.9	18
11	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
12	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
13	Role of Annealing Temperature on Structural Modification of MoO3 for Enhanced Electrochemical Properties. , 2021, , 19-26.		0