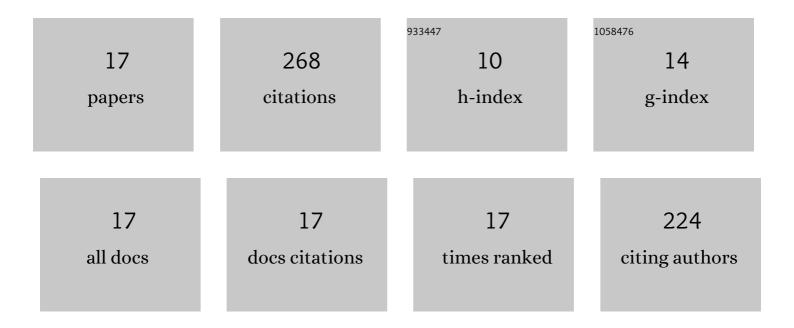
## Jeasmin Akter

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Highly Efficient and Sustainable ZnO/CuO/g-C3N4 Photocatalyst for Wastewater Treatment under Visible Light through Heterojunction Development. Catalysts, 2022, 12, 151.	3.5	13
2	Enhancement of visible-light photocatalytic activity of ZnO/ZnS/g-C3N4 by decreasing the bandgap and reducing the crystallite size via facile one-step fabrication. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 431, 114066.	3.9	5
3	Kinetically controlled selective synthesis of Cu2O and CuO nanoparticles toward enhanced degradation of methylene blue using ultraviolet and sun light. Materials Science in Semiconductor Processing, 2021, 123, 105570.	4.0	47
4	Hierarchical Nanocauliflower Chemical Assembly Composed of Copper Oxide and Single-Walled Carbon Nanotubes for Enhanced Photocatalytic Dye Degradation. Nanomaterials, 2021, 11, 696.	4.1	15
5	Formation of chemical heterojunctions between ZnO nanoparticles and single-walled carbon nanotubes for synergistic enhancement of photocatalytic activity. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 413, 113260.	3.9	10
6	Selective growth of Ti3+/TiO2/CNT and Ti3+/TiO2/C nanocomposite for enhanced visible-light utilization to degrade organic pollutants by lowering TiO2-bandgap. Scientific Reports, 2021, 11, 9490.	3.3	28
7	Subnanometer Thick Carbon-Layer-Encapsulated Silver Nanoparticles Selectively Neutralizing Human Cancer Cells and Pathogens through Controlled Release of Ag <sup>+</sup> Ions. ACS Applied Nano Materials, 2021, 4, 7295-7308.	5.0	7
8	Visible-light-driven enhanced photocatalytic performance using cadmium-doping of tungsten (VI) oxide and nanocomposite formation with graphitic carbon nitride disks. Applied Surface Science, 2021, 565, 150541.	6.1	16
9	Coherent CuO-ZnO nanobullets maneuvered for photocatalytic hydrogen generation and degradation of a persistent water pollutant under visible-light illumination. Journal of Environmental Chemical Engineering, 2021, 9, 106497.	6.7	14
10	Visible-light-active novel α-Fe2O3/Ta3N5 photocatalyst designed by band-edge tuning and interfacial charge transfer for effective treatment of hazardous pollutants. Journal of Environmental Chemical Engineering, 2021, 9, 106831.	6.7	12
11	An Efficient Preparation Method of ZnO Nanoparticles toward Enhanced Photocatalytic and Antibacterial Activity. Materials Proceedings, 2021, 4, 41.	0.2	0
12	A Nanocomposite of Silver Nanoparticles and Carbon Nanospheres for Photocatalytic Degradation of Methylene Blue under UV Irradiation. Materials Proceedings, 2021, 4, 40.	0.2	0
13	Heterojunction formation between copper(II) oxide nanoparticles and single-walled carbon nanotubes to enhance antibacterial performance. International Journal of Pharmaceutics, 2020, 590, 119937.	5.2	13
14	Enhanced Visible-Light Photocatalysis of Nanocomposites of Copper Oxide and Single-Walled Carbon Nanotubes for the Degradation of Methylene Blue. Catalysts, 2020, 10, 297.	3.5	40
15	Structural Transformation in Liquid Tellurium from Stillinger–Weber Potential. Materials Proceedings, 2020, 4, .	0.2	0
16	Chemical Assembly of Copper Oxide and Single Walled Carbon Nanotubes for Enhanced Photocatalytic Dye Degradation under Solar Light Irradiation. Materials Proceedings, 2020, 4, .	0.2	1
17	Enhanced Photocatalytic and Antibacterial Performance of ZnO Nanoparticles Prepared by an Efficient Thermolysis Method. Catalysts, 2019, 9, 608.	3.5	47