

# Sathiyapriya R

## List of Publications by Year in descending order

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Version: 2024-02-01

10  
papers

111  
citations

1684188

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h-index

1372567

10  
g-index

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docs citations

10  
times ranked

129  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on Tungsten Oxide (WO <sub>3</sub> ) and their Derivatives for Sensor Applications. International Journal of Advanced Science and Engineering, 2019, 5, 1163-1168.	0.1	26
2	A novel hydrothermal induced BiVO <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> heterojunctions visible-light photocatalyst for effective elimination of aqueous organic pollutants. Vacuum, 2020, 180, 109458.	3.5	23
3	Synthesis of structural and optical characterization of surfactant capped ZnO nanocrystalline. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 155-161.	3.9	20
4	Graphitic carbon nitride (g-C <sub>3</sub> N <sub>4</sub> ) decorated ZnWO <sub>4</sub> heterojunctions architecture synthesis, characterization and photocatalytic activity evaluation. Diamond and Related Materials, 2020, 108, 107981.	3.9	17
5	Surface decoration of MnWO <sub>4</sub> nanoparticles with g-C <sub>3</sub> N <sub>4</sub> nanosheets to build hetero-structure and its structural, optical and enhanced visible light photocatalytic activity. Journal of Materials Science: Materials in Electronics, 2020, 31, 14823-14837.	2.2	9
6	A novel approach for synthesis of silver nanoparticles using Pila virens shell and its mosquito larvicidal activity. Toxicology Reports, 2021, 8, 1248-1254.	3.3	6
7	Simultaneous Structural and Optical Control of Tungsten Oxide (WO <sub>3</sub> ) Nanoparticles through Cobalt Doping for Super Conducting Applications. International Journal of Advanced Science and Engineering, 2018, 4, 698.	0.1	4
8	Development of TiO <sub>2</sub> Nanomaterials and Dyes Selection (using DFT) for DSSC Applications – A Stepwise Review. International Journal of Advanced Science and Engineering, 2019, 06, 1326-1350.	0.1	3
9	Bio-fabrication of Cerium oxide nanoparticles using Azadirachta indica and their Antibacterial Activity. International Journal of Advanced Science and Engineering, 2020, 06, 1462-1468.	0.1	2
10	Bio-Synthesis of Cerium Oxide Nanoparticles from Coriandrum sativum L. Leaf Extract and their Antibacterial Activity. International Journal of Advanced Science and Engineering, 2020, 06, 1439-1444.	0.1	1