

# G Gnanamoorthy

## List of Publications by Year in descending order

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14  
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docs citations

14  
times ranked

161  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced photocatalytic performance of ZnSnO <sub>3</sub> /rGO nanocomposite. Chemical Physics Letters, 2020, 739, 137050.	2.6	42
2	Photocatalytic properties of amine functionalized Bi <sub>2</sub> Sn <sub>2</sub> O <sub>7</sub> /rGO nanocomposites. Journal of Physics and Chemistry of Solids, 2018, 118, 21-31.	4.0	41
3	Cytotoxicity, Removal of Congo Red Dye in Aqueous Solution Using Synthesized Amorphous Iron Oxide Nanoparticles from Incense Sticks Ash Waste. Journal of Nanomaterials, 2022, 2022, 1-12.	2.7	26
4	Implementation of ZnSnO <sub>3</sub> nanosheets and their RE (Er, Eu, and Pr) materials: Enhanced photocatalytic activity. Advanced Powder Technology, 2020, 31, 1209-1219.	4.1	24
5	Synthesis and effective performance of Photocatalytic and Antimicrobial activities of Bauhinia tomentosa Linn plants using of gold nanoparticles. Optical Materials, 2022, 123, 111945.	3.6	20
6	New construction of Fe <sub>3</sub> O <sub>4</sub> /rGO/ZnSnO <sub>3</sub> nanocomposites enhanced photoelectro chemical properties. Optical Materials, 2020, 109, 110353.	3.6	15
7	Realization of rGO/ZnCo <sub>2</sub> O <sub>4</sub> nanocomposites enhanced for the antimicrobial, electrochemical and photocatalytic activities. Diamond and Related Materials, 2021, 120, 108677.	3.9	15
8	Trigger action of copper aminophosphate (X-CuAP) nanoparticles for enhanced electrochemical, photocatalyst and biological properties. Optical Materials, 2021, 117, 111113.	3.6	12
9	Well organized assembly of (X)- CuSnO <sub>3</sub> nanoparticles enhanced photocatalytic and anti-bacterial properties. Journal of Water Process Engineering, 2020, 36, 101258.	5.6	10
10	A series of ZnCo <sub>2</sub> O <sub>4</sub> /rGO/Pt nanocubes with excellent photocatalytic activity towards visible light. Chemical Physics Letters, 2020, 759, 137988.	2.6	8
11	A new CuZr <sub>2</sub> S <sub>4</sub> /rGO and their reduced graphene oxide nanocomposites enhanced photocatalytic and antimicrobial activities. Chemical Physics Letters, 2021, 781, 139011.	2.6	8
12	Enhanced Photocatalytic Performance of Sn <sub>6</sub> SiO <sub>8</sub> Nanoparticles and Their Reduced Graphene Oxide (rGO) Nanocomposite. Journal of Nanoscience and Nanotechnology, 2020, 20, 5426-5432.	0.9	5
13	New development and photocatalytic performance and antimicrobial activity of $\hat{1}\pm$ -NH <sub>4</sub> (VO <sub>2</sub> )(HPO <sub>4</sub> ) nanosheets. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 276, 121250.	3.9	4
14	Green synthesis of core - Shell Teâ€“Se bimetallic nanoparticles using Cinnamomum Camphora leaf extract and their in-vitro cholesterol degradation. Optical Materials, 2022, 128, 112375.	3.6	3