

# G Gnanamoorthy

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	New development and photocatalytic performance and antimicrobial activity of $\text{NH}_4(\text{VO}_2)(\text{HPO}_4)$ nanosheets. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 276, 121250.	3.9	4
4	Green synthesis of core - Shell $\text{Te@Se}$ bimetallic nanoparticles using Cinnamomum Camphora leaf extract and their in-vitro cholesterol degradation. Optical Materials, 2022, 128, 112375.	3.6	3
5	Trigger action of copper aminophosphate (X-CuAP) nanoparticles for enhanced electrochemical, photocatalyst and biological properties. Optical Materials, 2021, 117, 111113.	3.6	12
6	A new $\text{CuZr}_2\text{S}_4/\text{rGO}$ and their reduced graphene oxide nanocomposites enhanced photocatalytic and antimicrobial activities. Chemical Physics Letters, 2021, 781, 139011.	2.6	8
7	Realization of $\text{rGO}/\text{ZnCo}_2\text{O}_4$ nanocomposites enhanced for the antimicrobial, electrochemical and photocatalytic activities. Diamond and Related Materials, 2021, 120, 108677.	3.9	15
8	Implementation of $\text{ZnSnO}_3$ nanosheets and their RE (Er, Eu, and Pr) materials: Enhanced photocatalytic activity. Advanced Powder Technology, 2020, 31, 1209-1219.	4.1	24
9	Enhanced photocatalytic performance of $\text{ZnSnO}_3/\text{rGO}$ nanocomposite. Chemical Physics Letters, 2020, 739, 137050.	2.6	42
10	New construction of $\text{Fe}_3\text{O}_4/\text{rGO}/\text{ZnSnO}_3$ nanocomposites enhanced photoelectro chemical properties. Optical Materials, 2020, 109, 110353.	3.6	15
11	Enhanced Photocatalytic Performance of $\text{Sn}_6\text{SiO}_8$ Nanoparticles and Their Reduced Graphene Oxide (rGO) Nanocomposite. Journal of Nanoscience and Nanotechnology, 2020, 20, 5426-5432.	0.9	5
12	A series of $\text{ZnCo}_2\text{O}_4/\text{rGO}/\text{Pt}$ nanocubes with excellent photocatalytic activity towards visible light. Chemical Physics Letters, 2020, 759, 137988.	2.6	8
13	Well organized assembly of (X)- $\text{CuSnO}_3$ nanoparticles enhanced photocatalytic and anti-bacterial properties. Journal of Water Process Engineering, 2020, 36, 101258.	5.6	10
14	Photocatalytic properties of amine functionalized $\text{Bi}_2\text{Sn}_2\text{O}_7/\text{rGO}$ nanocomposites. Journal of Physics and Chemistry of Solids, 2018, 118, 21-31.	4.0	41