

# Ayyakannu Arumugam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10087902/publications.pdf>

Version: 2024-02-01

12  
papers

586  
citations

1040056

9  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

807  
citing authors

#	ARTICLE	IF	CITATIONS
1	Green synthesis of silver, gold and silver/gold bimetallic nanoparticles using the <i>Gloriosa superba</i> leaf extract and their antibacterial and antibiofilm activities. <i>Microbial Pathogenesis</i> , 2016, 101, 1-11.	2.9	176
2	Green synthesis of gold nanoparticles using a cheap <i>Sphaeranthus indicus</i> extract: Impact on plant cells and the aquatic crustacean <i>Artemia nauplii</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 598-605.	3.8	94
3	<i>Guazuma ulmifolia</i> bark-synthesized Ag, Au and Ag/Au alloy nanoparticles: Photocatalytic potential, DNA/protein interactions, anticancer activity and toxicity against 14 species of microbial pathogens. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 167, 189-199.	3.8	89
4	Chitosan overlaid Fe <sub>3</sub> O <sub>4</sub> /rGO nanocomposite for targeted drug delivery, imaging, and biomedical applications. <i>Scientific Reports</i> , 2020, 10, 18912.	3.3	79
5	Biocompatible properties of nano-drug carriers using TiO <sub>2</sub> -Au embedded on multiwall carbon nanotubes for targeted drug delivery. <i>Materials Science and Engineering C</i> , 2018, 90, 589-601.	7.3	62
6	One-Pot Synthesis of Dysprosium Oxide Nano-Sheets: Antimicrobial Potential and Cytotoxicity on A549 Lung Cancer Cells. <i>Journal of Cluster Science</i> , 2017, 28, 621-635.	3.3	25
7	One-Pot Green Synthesis of Silver Nanoparticles Using the Orchid Leaf Extracts of <i>Anoectochilus elatus</i> : Growth Inhibition Activity on Seven Microbial Pathogens. <i>Journal of Cluster Science</i> , 2017, 28, 1541-1550.	3.3	20
8	Facile and Cost-Effective Ag Nanoparticles Fabricated by <i>Lilium lancifolium</i> Leaf Extract: Antibacterial and Antibiofilm Potential. <i>Journal of Cluster Science</i> , 2019, 30, 1081-1089.	3.3	16
9	Synthesis and characterization of MWCNT/TiO <sub>2</sub> /Au nanocomposite for photocatalytic and antimicrobial activity.. <i>IET Nanobiotechnology</i> , 2017, 11, 113-118.	3.8	9
10	Influence of co-ligand on the biological properties of Schiff base metal complexes: Synthesis, characterization, cytotoxicity, and antimicrobial studies. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	3.5	9
11	Development of chitosan/agar-silver nanoparticles-coated paper for antibacterial application. <i>Green Processing and Synthesis</i> , 2020, 9, 751-759.	3.4	7
12	Antibiofilm and antimicrobial efficacy evaluation of polypyrrole nanotubes embedded in aminated gum acacia based nanocomposite. <i>IET Nanobiotechnology</i> , 2021, 15, 441-454.	3.8	0