

# Mariappan Mariappan

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

251  
citations

1163117  
8  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

388  
citing authors

#	ARTICLE	IF	CITATIONS
1	The metal centre in salen-acridine dyad $N_2O_2$ ligand-metal complexes modulates DNA binding and photocleavage efficiency. <i>New Journal of Chemistry</i> , 2020, 44, 9888-9895.	2.8	8
2	Evaluation of the toxicities of silver and silver sulfide nanoparticles against Gram-positive and Gram-negative bacteria. <i>IET Nanobiotechnology</i> , 2019, 13, 326-331.	3.8	11
3	Synthesis, solvatochromism, photochemistry, DNA binding, photocleavage, cytotoxicity and molecular docking studies of a ruthenium(II) complex bearing photoactive subunit. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 356, 617-626.	3.9	27
4	Copper-coordination polymer-controlled $Cu@N-rGO$ and $CuO@C$ nanoparticle formation: reusable green catalyst for $A^{3+}$ -coupling and nitroarene-reduction reactions. <i>Dalton Transactions</i> , 2017, 46, 11704-11714.	3.3	17
5	Synthesis of $CuO$ and $Cu_2O$ nano/microparticles from a single precursor: effect of temperature on $CuO/Cu_2O$ formation and morphology dependent nitroarene reduction. <i>RSC Advances</i> , 2016, 6, 85083-85090.	3.6	33
6	Spectroscopic investigation on the interaction of ruthenium complexes with tumor specific lectin, jacalin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 1292-1297.	3.9	14
7	Synthesis, structure, DNA binding and photonuclease activity of a nickel(II) complex with a $N,N'$ -Bis(salicylidene)-9-(3,4-diaminophenyl)acridine ligand. <i>Inorganica Chimica Acta</i> , 2012, 390, 95-104.	2.4	28
8	Synthesis, structure, DNA binding and photocleavage activity of a ruthenium(II) complex with 11-(9-acridinyl)dipyrido[3,2-a:2',3'-c]phenazine ligand. <i>Inorganica Chimica Acta</i> , 2011, 376, 340-349.	2.4	19
9	Effects of Anthracene and Pyrene Units on the Interactions of Novel Polypyridylruthenium(II) Mixed-Ligand Complexes with DNA. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2164-2173.	2.0	94