

# Paramaguru Ganesan

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,852  
citations

471061

17  
h-index

414034

32  
g-index

32  
all docs

32  
docs citations

32  
times ranked

3007  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the Donor Size in <i>N</i> -Substituted Organic Dyes for Dye-Sensitized Solar Cells. <i>Journal of the American Chemical Society</i> , 2014, 136, 5722-5730.	6.6	417
2	A simple spiro-type hole transporting material for efficient perovskite solar cells. <i>Energy and Environmental Science</i> , 2015, 8, 1986-1991.	15.6	206
3	Effect of terminal N-substitution in 2-oxo-1,2-dihydroquinoline-3-carbaldehyde thiosemicarbazones on the mode of coordination, structure, interaction with protein, radical scavenging and cytotoxic activity of copper(II) complexes. <i>Dalton Transactions</i> , 2011, 40, 4548.	1.6	161
4	Interaction of anthraquinone dyes with lysozyme: Evidences from spectroscopic and docking studies. <i>Journal of Hazardous Materials</i> , 2010, 175, 985-991.	6.5	130
5	Emissive bis-tridentate Ir(III) metal complexes: Tactics, photophysics and applications. <i>Coordination Chemistry Reviews</i> , 2017, 346, 91-100.	9.5	130
6	Influence of terminal substitution on structural, DNA, Protein binding, anticancer and antibacterial activities of palladium(II) complexes containing 3-methoxy salicylaldehyde-4(N) substituted thiosemicarbazones. <i>Dalton Transactions</i> , 2012, 41, 2486.	1.6	123
7	Study on the binding of colloidal zinc oxide nanoparticles with bovine serum albumin. <i>Journal of Molecular Structure</i> , 2009, 934, 129-137.	1.8	96
8	Functional Pyrimidine-Based Thermally Activated Delay Fluorescence Emitters: Photophysics, Mechanochromism, and Fabrication of Organic Light-Emitting Diodes. <i>Chemistry - A European Journal</i> , 2017, 23, 2858-2866.	1.7	75
9	One pot synthesis of structurally different mono and dimeric Ni(II) thiosemicarbazone complexes and N-arylation on a coordinated ligand: a comparative biological study. <i>Dalton Transactions</i> , 2012, 41, 9323.	1.6	72
10	Unravel the Impact of Anchoring Groups on the Photovoltaic Performances of Diketopyrrolopyrrole Sensitizers for Dye-Sensitized Solar Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2015, 3, 2389-2396.	3.2	65
11	Functional Pyrimidinyl Pyrazolate Pt(II) Complexes: Role of Nitrogen Atom in Tuning the Solid-State Stacking and Photophysics. <i>Advanced Functional Materials</i> , 2019, 29, 1900923.	7.8	56
12	Isomeric spiro-[acridine-9,9'-fluorene]-2,6-dipyridylpyrimidine based TADF emitters: insights into photophysical behaviors and OLED performances. <i>Journal of Materials Chemistry C</i> , 2018, 6, 10088-10100.	2.7	46
13	Molecular Engineering of 2-Quinolinone Based Anchoring Groups for Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2014, 118, 16896-16903.	1.5	41
14	Effect of electron withdrawing anchoring groups on the optoelectronic properties of pyrene sensitizers and their interaction with TiO <sub>2</sub> : A combined experimental and theoretical approach. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 271, 31-44.	2.0	30
15	Methoxy substituents activated carbazole-based boron dimesityl TADF emitters. <i>Journal of Materials Chemistry C</i> , 2020, 8, 4780-4788.	2.7	28
16	Emissive Iridium(III) Complexes with Phosphorous-Containing Ancillary. <i>Chemical Record</i> , 2019, 19, 1644-1666.	2.9	20
17	Effect of <i>N</i> -spacers on the photovoltaic properties of <i>N</i> -substituted organic dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 299, 194-202.	2.0	17
18	Tuning the Photophysical Properties of 2-Quinolinone-Based Donor-Acceptor Molecules through <i>N</i> - versus <i>O</i> -Alkylation: Insights from Experimental and Theoretical Investigations. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 753-766.	1.2	15

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19	Synthesis and characterization of free base and metal porphyrins and their interaction with CdTe QDs. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 276, 104-112.	2.0	14
20	Spectroscopic Studies on TiO <sub>2</sub> Enhanced Binding of Hypocrellin B with DNA. <i>Journal of Fluorescence</i> , 2011, 21, 1887-1895.	1.3	12
21	Heterobimetallic copper (<sc>i</sc>) complexes bearing both 1,1- <sup>2</sup> -bis(diphenylphosphino)ferrocene and functionalized 3-(2- <sup>2</sup> -pyridyl)-1,2,4-triazole. <i>New Journal of Chemistry</i> , 2019, 43, 4261-4271.	1.4	12
22	Effect of number of anchoring groups on binding ability of perylene diimides with SnO <sub>2</sub> and TiO <sub>2</sub> nanoparticles: A spectroscopic approach. <i>Journal of Molecular Structure</i> , 2013, 1038, 235-241.	1.8	11
23	Synthesis, optical and electrochemical properties of carbazole sensitizers and their interaction with TiO <sub>2</sub> . <i>Journal of Molecular Structure</i> , 2014, 1060, 191-196.	1.8	11
24	Fluorescence Quenching of Tris(2,2'-bipyridine)Ruthenium(II) Dichloride by Certain Organic Dyes. <i>Journal of Solution Chemistry</i> , 2010, 39, 1520-1530.	0.6	10
25	Impact of strength and size of donors on the optoelectronic properties of <sup>2</sup> -A sensitizers. <i>RSC Advances</i> , 2016, 6, 37347-37361.	1.7	10
26	En Route to Wide Area Emitting Organic Light-Emitting Transistors for Intrinsic Drive-Integrated Display Applications: A Comprehensive Review. <i>Advanced Functional Materials</i> , 2021, 31, 2105506.	7.8	10
27	Spectroscopic and Molecular Docking Investigations on the Interaction of Rutin with Bovine Serum Albumin. <i>Zeitschrift Fur Physikalische Chemie</i> , 2011, 225, 441-454.	1.4	8
28	Synthesis, characterization and binding interactions of amino acids coupled perylene diimides with colloidal doped and undoped TiO <sub>2</sub> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 146, 13-23.	2.0	8
29	Double <sup>2</sup> -A Dye Linked by 2,2'- <sup>2</sup> -Bipyridine Dicarboxylic Acid: Influence of <i>para</i> - and <i>meta</i> -Substituted Carboxyl Anchoring Group. <i>ChemPhysChem</i> , 2015, 16, 1035-1041.	1.0	6
30	Photosensitization of Colloidal SnO <sub>2</sub> Semiconductor Nanoparticles with Xanthene Dyes. <i>Journal of Chemistry</i> , 2013, 2013, 1-7.	0.9	4
31	Spectroscopic studies on the interaction of Hypocrellin B with AuTiO <sub>2</sub> nanoparticles. <i>Journal of Luminescence</i> , 2014, 145, 154-159.	1.5	4
32	Impact of <sup>2</sup> Spacers on the Optical, Electrochemical and Photovoltaic performance of <sup>2</sup> -Based Sensitizers. <i>ChemistrySelect</i> , 2018, 3, 5269-5276.	0.7	4