Paramaguru Ganesan

List of Publications by Year
in descending order

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	En Route to Wide Area Emitting Organic Lightâ€Emitting Transistors for Intrinsic Driveâ€Integrated Display Applications: A Comprehensive Review. Advanced Functional Materials, 2021, 31, 2105506.	7.8	10
2	Methoxy substituents activated carbazole-based boron dimesityl TADF emitters. Journal of Materials Chemistry C, 2020, 8, 4780-4788.	2.7	28
3	Functional Pyrimidinyl Pyrazolate Pt(II) Complexes: Role of Nitrogen Atom in Tuning the Solidâ€State Stacking and Photophysics. Advanced Functional Materials, 2019, 29, 1900923.	7.8	56
4	Emissive Iridium(III) Complexes with Phosphorousâ€Containing Ancillary. Chemical Record, 2019, 19, 1644-1666.	2.9	20
5	Heterobimetallic copper(<scp>i</scp>) complexes bearing both 1,1â€²-bis(diphenylphosphino)ferrocene and functionalized 3-(2â€²-pyridyl)-1,2,4-triazole. New Journal of Chemistry, 2019, 43, 4261-4271.	1.4	12
6	Isomeric spiro-[acridine-9,9â€²-fluorene]-2,6-dipyridylpyrimidine based TADF emitters: insights into photophysical behaviors and OLED performances. Journal of Materials Chemistry C, 2018, 6, 10088-10100.	2.7	46
7	Impact of Ï€ Spacers on the Optical, Electrochemical and Photovoltaic performance of Dâ€(Ï€â€A) 2 Based Sensitizers. ChemistrySelect, 2018, 3, 5269-5276.	0.7	4
8	Emissive bis-tridentate Ir(III) metal complexes: Tactics, photophysics and applications. Coordination Chemistry Reviews, 2017, 346, 91-100.	9.5	130
9	Functional Pyrimidineâ€Based Thermally Activated Delay Fluorescence Emitters: Photophysics, Mechanochromism, and Fabrication of Organic Lightâ€Emitting Diodes. Chemistry - A European Journal, 2017, 23, 2858-2866.	1.7	75
10	Impact of strength and size of donors on the optoelectronic properties of Dâ€“Ï€â€“A sensitizers. RSC Advances, 2016, 6, 37347-37361.	1.7	10
11	Double Dâ€“Ï€â€“A Dye Linked by 2,2â€²â€Bipyridine Dicarboxylic Acid: Influence of paraâ€ and metaâ€Substituted Carboxyl Anchoring Group. ChemPhysChem, 2015, 16, 1035-1041.	1.0	6
12	A simple spiro-type hole transporting material for efficient perovskite solar cells. Energy and Environmental Science, 2015, 8, 1986-1991.	15.6	206
13	Synthesis, characterization and binding interactions of amino acids coupled perylene diimides with colloidal doped and undoped TiO2. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 146, 13-23.	2.0	8
14	Unravel the Impact of Anchoring Groups on the Photovoltaic Performances of Diketopyrrolopyrrole Sensitizers for Dye-Sensitized Solar Cells. ACS Sustainable Chemistry and Engineering, 2015, 3, 2389-2396.	3.2	65
15	Effect of Ï€-spacers on the photovoltaic properties of Dâ€“Ï€â€“A based organic dyes. Journal of Photochemistry and Photobiology A: Chemistry, 2015, 299, 194-202.	2.0	17
16	Synthesis, optical and electrochemical properties of carbazole sensitizers and their interaction with TiO2. Journal of Molecular Structure, 2014, 1060, 191-196.	1.8	11
17	Influence of the Donor Size in Dâ€Ï€â€“A Organic Dyes for Dye-Sensitized Solar Cells. Journal of the American Chemical Society, 2014, 136, 5722-5730.	6.6	417
18	Tuning the Photophysical Properties of 2â€Quinolinoneâ€Based Donorâ€“Acceptor Molecules through Nâ€•versus Oâ€Alkylation: Insights from Experimental and Theoretical Investigations. European Journal of Organic Chemistry, 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. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 276, 104-112.	2.0	14
20	Molecular Engineering of 2-Quinolinone Based Anchoring Groups for Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2014, 118, 16896-16903.	1.5	41
21	Spectroscopic studies on the interaction of Hypocrellin B with AuTiO2 nanoparticles. Journal of Luminescence, 2014, 145, 154-159.	1.5	4
22	Effect of electron withdrawing anchoring groups on the optoelectronic properties of pyrene sensitizers and their interaction with TiO2: A combined experimental and theoretical approach. Journal of Photochemistry and Photobiology A: Chemistry, 2013, 271, 31-44.	2.0	30
23	Effect of number of anchoring groups on binding ability of perylene diimides with SnO2 and TiO2 nanoparticles: A spectroscopic approach. Journal of Molecular Structure, 2013, 1038, 235-241.	1.8	11
24	Photosensitization of Colloidal SnO2Semiconductor Nanoparticles with Xanthene Dyes. Journal of Chemistry, 2013, 2013, 1-7.	0.9	4
25	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. Dalton Transactions, 2012, 41, 2486.	1.6	123
26	One pot synthesis of structurally different mono and dimeric Ni(ii) thiosemicarbazone complexes and N-arylation on a coordinated ligand: a comparative biological study. Dalton Transactions, 2012, 41, 9323.	1.6	72
27	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. Dalton Transactions, 2011, 40, 4548.	1.6	161
28	Spectroscopic Studies on TiO2 Enhanced Binding of Hypocrellin B with DNA. Journal of Fluorescence, 2011, 21, 1887-1895.	1.3	12
29	Spectroscopic and Molecular Docking Investigations on the Interaction of Rutin with Bovine Serum Albumin. Zeitschrift Fur Physikalische Chemie, 2011, 225, 441-454.	1.4	8
30	Fluorescence Quenching ofÂTris(2,2â€²-bipyridine)Ruthenium(II) Dichloride byÂCertain Organic Dyes. Journal of Solution Chemistry, 2010, 39, 1520-1530.	0.6	10
31	Interaction of anthraquinone dyes with lysozyme: Evidences from spectroscopic and docking studies. Journal of Hazardous Materials, 2010, 175, 985-991.	6.5	130
32	Study on the binding of colloidal zinc oxide nanoparticles with bovine serum albumin. Journal of Molecular Structure, 2009, 934, 129-137.	1.8	96