

Danaboyina Ramaiah

List of Publications by Year in descending order

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51
papers

3,063
citations

136950

32
h-index

189892

50
g-index

51
all docs

51
docs citations

51
times ranked

3850
citing authors

#	ARTICLE	IF	CITATIONS
1	1/4-Oxo-bridged iron(III) complexes for the selective reduction of aromatic ketones catalyzed through base promoted <i>in situ</i> nanoparticle formation. <i>New Journal of Chemistry</i> , 2022, 46, 11202-11211.	2.8	1
2	Picolyl Porphyrin Nanostructures as a Functional Drug Entrant for Photodynamic Therapy in Human Breast Cancers. <i>ACS Omega</i> , 2019, 4, 12808-12816.	3.5	22
3	Novel Aza-BODIPY based turn on selective and sensitive probe for on-site visual detection of bivalent copper ions. <i>Dyes and Pigments</i> , 2019, 171, 107684.	3.7	21
4	Aza-BODIPY nanomicelles as versatile agents for the <i>in vitro</i> and <i>in vivo</i> singlet oxygen-triggered apoptosis of human breast cancer cells. <i>Journal of Materials Chemistry B</i> , 2019, 7, 2372-2377.	5.8	27
5	Design and synthesis of solution processable green fluorescent Diels-Alder dyads for OLED applications. <i>New Journal of Chemistry</i> , 2018, 42, 5456-5464.	2.8	13
6	Simple solution processable carbazole-oxadiazole hybrids for un-doped deep-blue OLEDs. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 358, 192-200.	3.9	2
7	Synthesis and <i>in vitro</i> photobiological studies of porphyrin capped gold nanoparticles $S^{1/2}$. <i>Journal of Chemical Sciences</i> , 2018, 130, 1.	1.5	2
8	In Vitro and In Vivo Demonstration of Human-Ovarian-Cancer Necrosis through a Water-Soluble and Near-Infrared-Absorbing Chlorin. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 5009-5019.	6.4	20
9	Carbazole-Linked Near-Infrared Aza-BODIPY Dyes as Triplet Sensitizers and Photoacoustic Contrast Agents for Deep-Tissue Imaging. <i>Chemistry - A European Journal</i> , 2017, 23, 6570-6578.	3.3	83
10	Aryl appended neutral and cationic half-sandwich ruthenium(II)-NHC complexes: synthesis, characterisation and catalytic applications. <i>New Journal of Chemistry</i> , 2017, 41, 12736-12745.	2.8	14
11	Unveiling NIR Aza-Boron-Dipyrromethene (BODIPY) Dyes as Raman Probes: Surface-Enhanced Raman Scattering (SERS)-Guided Selective Detection and Imaging of Human Cancer Cells. <i>Chemistry - A European Journal</i> , 2017, 23, 14286-14291.	3.3	20
12	Design of Air and Moisture Stable Ruthenophane and Ruthenium(II)-Complexes and Study of Their Applications in Catalysis. <i>ChemistrySelect</i> , 2017, 2, 11195-11199.	1.5	2
13	Selective recognition of cyanide ions by amphiphilic porphyrins in aqueous medium. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 1368-1376.	0.8	3
14	Tuning of photoluminescence properties of functional phthalides for OLED applications. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 330, 156-162.	3.9	9
15	<i>In Vitro</i> and <i>In Vivo</i> Demonstration of Photodynamic Activity and Cytoplasm Imaging through TPE Nanoparticles. <i>ACS Chemical Biology</i> , 2016, 11, 104-112.	3.4	50
16	Amino Acid-Porphyrin Conjugates: Synthesis and Study of their Photophysical and Metal Ion Recognition Properties. <i>Photochemistry and Photobiology</i> , 2015, 91, 1348-1355.	2.5	8
17	Enhancement in intramolecular interactions and <i>in vitro</i> biological activity of a tripodal tetradentate system upon complexation. <i>Dalton Transactions</i> , 2015, 44, 15591-15601.	3.3	17
18	Simultaneous binding of a cyclophane and classical intercalators to DNA: observation of FRET-mediated white light emission. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 13495-13500.	2.8	11

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19	Antimicrobial Photodynamic Efficiency of Novel Cationic Porphyrins towards Periodontal Gram-positive and Gram-negative Pathogenic Bacteria. <i>Photochemistry and Photobiology</i> , 2014, 90, 628-640.	2.5	60
20	Sensitive Naked Eye Detection of Hydrogen Sulfide and Nitric Oxide by Aza-BODIPY Dyes in Aqueous Medium. <i>Analytical Chemistry</i> , 2014, 86, 9335-9342.	6.5	93
21	Fluorescent chemodosimeter based on NHC complex for selective recognition of cyanide ions in aqueous medium. <i>RSC Advances</i> , 2014, 4, 47982-47986.	3.6	9
22	Optimization of Triplet Excited State and Singlet Oxygen Quantum Yields of Picolylamine-Porphyrin Conjugates through Zinc Insertion. <i>Journal of Physical Chemistry B</i> , 2013, 117, 13515-13522.	2.6	42
23	White photoluminescence and electroluminescence from a ternary system in solution and a polymer matrix. <i>Chemical Communications</i> , 2013, 49, 11626.	4.1	16
24	Efficient Reaction Based Colorimetric Probe for Sensitive Detection, Quantification, and On-Site Analysis of Nitrite Ions in Natural Water Resources. <i>Analytical Chemistry</i> , 2013, 85, 10008-10012.	6.5	127
25	In Vitro Demonstration of Apoptosis Mediated Photodynamic Activity and NIR Nucleus Imaging through a Novel Porphyrin. <i>ACS Chemical Biology</i> , 2013, 8, 127-132.	3.4	75
26	<i>meso</i> -Tetrakis(<i>p</i> -sulfonatophenyl) <i>N</i> -Confused Porphyrin Tetrasodium Salt: A Potential Sensitizer for Photodynamic Therapy. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 5110-5120.	6.4	116
27	Aza-BODIPY Derivatives: Enhanced Quantum Yields of Triplet Excited States and the Generation of Singlet Oxygen and their Role as Facile Sustainable Photooxygenation Catalysts. <i>Chemistry - A European Journal</i> , 2012, 18, 12655-12662.	3.3	151
28	Squaraine dyes in PDT: from basic design to in vivo demonstration. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 911-920.	2.8	157
29	DNA-assisted white light emission through FRET. <i>Chemical Communications</i> , 2011, 47, 1288-1290.	4.1	44
30	Dansyl-Naphthalimide Dyads As Molecular Probes: Effect of Spacer Group on Metal Ion Binding Properties. <i>Journal of Physical Chemistry B</i> , 2011, 115, 13292-13299.	2.6	33
31	β-Cyclodextrin as a Photosensitizer Carrier: Effect on Photophysical Properties and Chemical Reactivity of Squaraine Dyes. <i>Journal of Physical Chemistry B</i> , 2011, 115, 7122-7128.	2.6	40
32	Functional cyclophanes: Promising hosts for optical biomolecular recognition. <i>Chemical Society Reviews</i> , 2010, 39, 4158.	38.1	165
33	Tuning Photosensitized Singlet Oxygen Generation Efficiency of Novel Aza-BODIPY Dyes. <i>Organic Letters</i> , 2010, 12, 5720-5723.	4.6	324
34	Fluorescence Ratiometric Selective Recognition of Cu ²⁺ Ions by Dansyl-Naphthalimide Dyads. <i>Journal of Organic Chemistry</i> , 2009, 74, 6667-6673.	3.2	128
35	A supramolecular Cu(II) metallocyclophane probe for guanosine 5'-monophosphate. <i>Chemical Communications</i> , 2009, , 6352.	4.1	54
36	DNA-Assisted Long-Lived Excimer Formation in a Cyclophane. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8407-8411.	13.8	115

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37	Bis(3,5-diiodo-2,4,6-trihydroxyphenyl)squaraine: A novel candidate in photodynamic therapy for skin cancer models in vivo. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2008, 92, 153-159.	3.8	56
38	Acridine-Viologen Dyads: Selective Recognition of Single-Strand DNA through Fluorescence Enhancement. <i>Organic Letters</i> , 2008, 10, 4295-4298.	4.6	37
39	Selective Interactions of a Few Acridinium Derivatives with Single Strand DNA: Study of Photophysical and DNA Binding Interactions. <i>Journal of Physical Chemistry B</i> , 2007, 111, 6549-6556.	2.6	42
40	Aggregation Properties of Heavy Atom Substituted Squaraine Dyes: Evidence for the Formation of J-Type Dimer Aggregates in Aprotic Solvents. <i>Journal of Physical Chemistry A</i> , 2007, 111, 3226-3230.	2.5	38
41	Selective Recognition of Tryptophan through Inhibition of Intramolecular Charge-Transfer Interactions in an Aqueous Medium. <i>Organic Letters</i> , 2007, 9, 417-420.	4.6	47
42	Site-Selective Binding and Dual Mode Recognition of Serum Albumin by a Squaraine Dye. <i>Journal of the American Chemical Society</i> , 2006, 128, 6024-6025.	13.7	266
43	Synthesis of New Cholesterol- and Sugar-Anchored Squaraine Dyes: Further Evidence of How Electronic Factors Influence Dye Formation. <i>Organic Letters</i> , 2006, 8, 111-114.	4.6	39
44	Squaraine Dyes for Photodynamic Therapy: Mechanism of Cytotoxicity and DNA Damage Induced by Halogenated Squaraine Dyes Plus Light (>600 nm). <i>Photochemistry and Photobiology</i> , 2004, 79, 99.	2.5	74
45	Squaraine Dyes for Photodynamic Therapy: Mechanism of Cytotoxicity and DNA Damage Induced by Halogenated Squaraine Dyes Plus Light (>600 nm). <i>Photochemistry and Photobiology</i> , 2004, 79, 99-104.	2.5	67
46	Control of Electron-Transfer and DNA Binding Properties by the Tolyl Spacer Group in Viologen Linked Acridines. <i>Journal of Physical Chemistry B</i> , 2003, 107, 4444-4450.	2.6	35
47	Squaraine Dyes for Photodynamic Therapy: Study of Their Cytotoxicity and Genotoxicity in Bacteria and Mammalian Cells. <i>Photochemistry and Photobiology</i> , 2002, 76, 672.	2.5	105
48	Halogenated Squaraine Dyes as Potential Photochemotherapeutic Agents. Synthesis and Study of Photophysical Properties and Quantum Efficiencies of Singlet Oxygen Generation*. <i>Photochemistry and Photobiology</i> , 1997, 65, 783-790.	2.5	106
49	Photosensitized Formation of 8-Hydroxy-2-deoxyguanosine in Salmon Testes DNA by Furocoumarin Hydroperoxides: A Novel, Intercalating Photo-Fenton Reagent for Oxidative DNA Damage. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 107-110.	4.4	37
50	A laser flash photolysis study of 2,6-dimethyl-3,5-diphenyl-4-pyrone and related chromones. Evidence for triplet state structural relaxation from quenching behaviors. <i>The Journal of Physical Chemistry</i> , 1986, 90, 5984-5989.	2.9	37
51	Recent Advances in Ru Catalyzed Transfer Hydrogenation and Its Future Perspectives. , 0, , .		3