

Srinivas Banala

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

629
citations

623188

14
h-index

580395

25
g-index

33
all docs

33
docs citations

33
times ranked

879
citing authors

#	ARTICLE	IF	CITATIONS
1	Size-isolation of superparamagnetic iron oxide nanoparticles improves MRI, MPI and hyperthermia performance. <i>Journal of Nanobiotechnology</i> , 2020, 18, 22.	4.2	120
2	Thioamides in Nature: In Search of Secondary Metabolites in Anaerobic Microorganisms. <i>ChemBioChem</i> , 2010, 11, 1335-1337.	1.3	72
3	Blackening-Porphyrins by Conjugation with Quinones. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 599-603.	7.2	46
4	Hypermodified Fluorescent Chlorophyll Catabolites: Source of Blue Luminescence in Senescent Leaves. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5174-5177.	7.2	46
5	Quinone-fused porphyrins as contrast agents for photoacoustic imaging. <i>Chemical Science</i> , 2017, 8, 6176-6181.	3.7	44
6	A novel blue fluorescent chlorophyll catabolite accumulates in senescent leaves of the peace lily and indicates a split path of chlorophyll breakdown. <i>FEBS Letters</i> , 2010, 584, 4215-4221.	1.3	38
7	Chlorophyll Breakdown in Senescent Banana Leaves: Catabolism Reprogrammed for Biosynthesis of Persistent Blue Fluorescent Tetrapyrroles. <i>Chemistry - A European Journal</i> , 2013, 19, 12294-12305.	1.7	32
8	Total Synthesis of the Ribosomally Synthesized Linear Azole-Containing Peptide Plantazolicin...A from <i>Bacillus amyloliquefaciens</i> . <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9518-9523.	7.2	29
9	Photochemical studies of a fluorescent chlorophyll catabolite – source of bright blue fluorescence in plant tissue and efficient sensitizer of singlet oxygen. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 407-411.	1.6	22
10	Tuning Optical Properties of BODIPY Dyes by Pyrrole Conjugation for Photoacoustic Imaging. <i>Advanced Optical Materials</i> , 2020, 8, 1902115.	3.6	20
11	Arg-Thz is a minimal substrate for the N ¹⁵ ,N ¹⁵ -arginyl methyltransferase involved in the biosynthesis of plantazolicin. <i>Chemical Communications</i> , 2013, 49, 10703.	2.2	19
12	Porphyrin-LEGO®: synthesis of a hexafullereno-diporphyrin using porphyrins programmed for [4+2]-cycloaddition. <i>Chemical Communications</i> , 2012, 48, 4359.	2.2	17
13	Photoacoustic Imaging Probes Based on Tetrapyrroles and Related Compounds. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3082.	1.8	17
14	Symmetrical tetra- ³ -sulfoleno- <i>meso</i> -aryl-porphyrins – synthesis, spectroscopy and structural characterization. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014, 18, 115-122.	0.4	14
15	Panchromatic Extended Porphyrins from Conjugation with Quinones. <i>ChemPlusChem</i> , 2016, 81, 477-488.	1.3	14
16	Sensing Reactive Oxygen Species with Photoacoustic Imaging Using Conjugation-Extended BODIPYs. <i>ACS Sensors</i> , 2021, 6, 4379-4388.	4.0	14
17	Photoacoustic Detection of Superoxide Using Oxoporphyrinogen and Porphyrin. <i>ACS Sensors</i> , 2019, 4, 2001-2008.	4.0	10
18	3,5-Dihydro-2-hydroxythieno[2,3-c]pyrrole 1,1-dioxide – A New Simple Pyrrole Unit. Preliminary Communication. <i>Helvetica Chimica Acta</i> , 2010, 93, 1192-1198.	1.0	7

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19	A Functionalized Spiro[chlorinâ€porphyrin]â€Type â€Dimerâ€™ Dizinc Complex from Rapid [4+2] Selfâ€cycloaddition of a Conjugated [i>I ² </i>,<i>I ² </i>â€Bis(methylene)porphyrinato]zinc. Helvetica Chimica Acta, 2012, 95, 211-220.	1.0	7
20	Photoacoustic Imaging: Tuning Optical Properties of BODIPY Dyes by Pyrrole Conjugation for Photoacoustic Imaging (Advanced Optical Materials 11/2020). Advanced Optical Materials, 2020, 8, 2070046.	3.6	3
21	Atropisomers of meso Tetra(N â€Mesyl Pyrrolâ€2â€yl) Porphyrins: Synthesis, Isolation and Characterization of Allâ€Pyrrolic Porphyrins. Chemistry - A European Journal, 2020, 26, 4232-4235.	1.7	3
22	Tuning the optical properties of BODIPY dyes by N-rich heterocycle conjugation using a combined synthesis and computational approach. New Journal of Chemistry, 2021, 45, 19641-19645.	1.4	3
23	Temperatureâ€Controlled Conversion of Bocâ€Protected Methylene Blue: Advancing Solidâ€State Timeâ€Temperature Indicators. ChemistryOpen, 2021, 10, 1129-1132.	0.9	2
24	Activatable Small Molecule Probes for Photoacoustic Imaging: Dyes and Applications. Current Medicinal Chemistry, 2022, 29, 6008-6029.	1.2	2
25	â€Blackeningâ€Porphyrins by Conjugation with Quinones. Angewandte Chemie - International Edition, 2009, 48, 2442-2442.	7.2	1
26	Inside Cover: Hypermodified Fluorescent Chlorophyll Catabolites: Source of Blue Luminescence in Senescent Leaves (Angew. Chem. Int. Ed. 30/2010). Angewandte Chemie - International Edition, 2010, 49, 5014-5014.	7.2	1
27	Dicyanoquinodimethane (DCNQ) linked benzothiadiazole and phenothiazine derivatives for photoacoustic imaging. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 429, 113935.	2.0	1
28	Leucomethylene blue probe detects a broad spectrum of reactive oxygen and nitrogen species. RSC Advances, 2021, 11, 32295-32299.	1.7	0