Srinivas Banala

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8886273/publications.pdf

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28	629	623188	580395
papers	citations	14 h-index	25 g-index

33	33	33	879
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Activatable Small Molecule Probes for Photoacoustic Imaging: Dyes and Applications. Current Medicinal Chemistry, 2022, 29, 6008-6029.	1.2	2
2	Dicyanoquinodimethane (DCNQ) linked benzothiadiazole and phenothiazine derivatives for photoacoustic imaging. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 429, 113935.	2.0	1
3	Leucomethylene blue probe detects a broad spectrum of reactive oxygen and nitrogen species. RSC Advances, 2021, 11, 32295-32299.	1.7	0
4	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
5	Temperatureâ€Controlled Conversion of Bocâ€Protected Methylene Blue: Advancing Solidâ€State Timeâ€Temperature Indicators. ChemistryOpen, 2021, 10, 1129-1132.	0.9	2
6	Sensing Reactive Oxygen Species with Photoacoustic Imaging Using Conjugation-Extended BODIPYs. ACS Sensors, 2021, 6, 4379-4388.	4.0	14
7	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
8	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
9	Size-isolation of superparamagnetic iron oxide nanoparticles improves MRI, MPI and hyperthermia performance. Journal of Nanobiotechnology, 2020, 18, 22.	4.2	120
10	Photoacoustic Imaging Probes Based on Tetrapyrroles and Related Compounds. International Journal of Molecular Sciences, 2020, 21, 3082.	1.8	17
11	Tuning Optical Properties of BODIPY Dyes by Pyrrole Conjugation for Photoacoustic Imaging. Advanced Optical Materials, 2020, 8, 1902115.	3.6	20
12	Photoacoustic Detection of Superoxide Using Oxoporphyrinogen and Porphyrin. ACS Sensors, 2019, 4, 2001-2008.	4.0	10
13	Quinone-fused porphyrins as contrast agents for photoacoustic imaging. Chemical Science, 2017, 8, 6176-6181.	3.7	44
14	Panchromatic Ï€â€Extended Porphyrins from Conjugation with Quinones. ChemPlusChem, 2016, 81, 477-488.	1.3	14
15	Photochemical studies of a fluorescent chlorophyll catabolite â€“ source of bright blue fluorescence in plant tissue and efficient sensitizer of singlet oxygen. Photochemical and Photobiological Sciences, 2014, 13, 407-411.	1.6	22
16	Symmetrical tetra-Î²â€³-sulfoleno-meso-aryl-porphyrins â€” synthesis, spectroscopy and structural characterization. Journal of Porphyrins and Phthalocyanines, 2014, 18, 115-122.	0.4	14
17	Chlorophyll Breakdown in Senescent Banana Leaves: Catabolism Reprogrammed for Biosynthesis of Persistent Blue Fluorescent Tetrapyrroles. Chemistry - A European Journal, 2013, 19, 12294-12305.	1.7	32
18	Arg-Thz is a minimal substrate for the NÎ±,NÎ±-arginyl methyltransferase involved in the biosynthesis of plantazolicin. Chemical Communications, 2013, 49, 10703.	2.2	19

#	Article	IF	Citations
19	Total Synthesis of the Ribosomally Synthesized Linear Azoleâ€Containing Peptide Plantazolicinâ€...A from Bacillus amyloliquefaciens. Angewandte Chemie - International Edition, 2013, 52, 9518-9523.	7.2	29
20	Porphyrin-LEGOÂ®: synthesis of a hexafullereno-diporphyrin using porphyrins programmed for [4+2]-cycloaddition. Chemical Communications, 2012, 48, 4359.	2.2	17
21	A Functionalized Spiro[chlorinâ€porphyrin]â€Type â€˜Dimerâ€™ Dizinc Complex from Rapid [4+2] Selfâ€cycloaddition of a Conjugated [Î²,Î²â€²â€Bis(methylene)porphyrinato]zinc. Helvetica Chimica Acta, 2012, 95, 211-220.	1.0	7
22	A novel blue fluorescent chlorophyll catabolite accumulates in senescent leaves of the peace lily and indicates a split path of chlorophyll breakdown. FEBS Letters, 2010, 584, 4215-4221.	1.3	38
23	3,5â€Dihydroâ€2Hâ€thieno[2,3â€c]pyrrole 1,1â€Dioxide â€“ A New Simple Pyrrole Unit. Preliminary Communication. Helvetica Chimica Acta, 2010, 93, 1192-1198.	1.0	7
24	Thioamides in Nature: In Search of Secondary Metabolites in Anaerobic Microorganisms. ChemBioChem, 2010, 11, 1335-1337.	1.3	72
25	Hypermodified Fluorescent Chlorophyll Catabolites: Source of Blue Luminescence in Senescent Leaves. Angewandte Chemie - International Edition, 2010, 49, 5174-5177.	7.2	46
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	â€œBlackeningâ€•Porphyrins by Conjugation with Quinones. Angewandte Chemie - International Edition, 2009, 48, 599-603.	7.2	46
28	â€œBlackeningâ€•Porphyrins by Conjugation with Quinones. Angewandte Chemie - International Edition, 2009, 48, 2442-2442.	7.2	1