

Blanca Margarita Muñoz Flores

List of Publications by Year in descending order

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26
papers

532
citations

759233

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docs citations

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times ranked

549
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescent Molecular Rotors of Organoboron Compounds from Schiff Bases: Synthesis, Viscosity, Reversible Thermochromism, Cytotoxicity, and Bioimaging Cells. <i>Journal of Organic Chemistry</i> , 2017, 82, 2375-2385.	3.2	65
2	Synthesis and photophysical characterization of organotin compounds derived from Schiff bases for organic light emitting diodes. <i>Dyes and Pigments</i> , 2014, 106, 188-196.	3.7	58
3	New application of fluorescent organotin compounds derived from Schiff bases: synthesis, X-ray structures, photophysical properties, cytotoxicity and fluorescent bioimaging. <i>Journal of Materials Chemistry B</i> , 2015, 3, 5731-5745.	5.8	52
4	Novel fluorescent Schiff bases as Al ³⁺ sensors with high selectivity and sensitivity, and their bioimaging applications. <i>Materials Chemistry and Physics</i> , 2019, 233, 89-101.	4.0	37
5	Luminescent Silk Fibroin with Organotin Compounds from Amino Acid Schiff Bases – Microwave-Assisted Synthesis, Chemo-Optical Characterization, Cytotoxicity, and Confocal Microscopy. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2818-2827.	2.0	30
6	Organotin Dyes Bearing Anionic Boron Clusters as Cell-Staining Fluorescent Probes. <i>Chemistry - A European Journal</i> , 2018, 24, 5601-5612.	3.3	29
7	One-pot microwave-assisted synthesis of organotin Schiff bases: an optical and electrochemical study towards their effects in organic solar cells. <i>New Journal of Chemistry</i> , 2018, 42, 14586-14596.	2.8	29
8	Synthesis, X-ray diffraction analysis and nonlinear optical properties of hexacoordinated organotin compounds derived from Schiff bases. <i>Journal of Organometallic Chemistry</i> , 2014, 769, 64-71.	1.8	28
9	Quantum chemical elucidation of the turn-on luminescence mechanism in two new Schiff bases as selective chemosensors of Zn ²⁺ : synthesis, theory and bioimaging applications. <i>RSC Advances</i> , 2019, 9, 30778-30789.	3.6	28
10	Luminescent organoboron compounds derived from salicylidenebenzohydrazide: Synthesis, characterization, structure, and photophysical properties. <i>Dyes and Pigments</i> , 2013, 99, 1036-1043.	3.7	23
11	Microwave-assisted synthesis, third-order nonlinear optical properties, voltammetry cyclic and theoretical calculations of organotin compounds bearing push-pull Schiff bases. <i>Journal of Organometallic Chemistry</i> , 2016, 806, 68-76.	1.8	22
12	Synthesis, characterization, photophysical properties of new fluorescent boron Schiff bases (BOSCHIBAs) and their application as cytoplasm staining dyes in vitro. <i>Journal of Organometallic Chemistry</i> , 2017, 852, 64-73.	1.8	19
13	Boron Schiff bases derived from α -amino acids as nucleoli/cytoplasm cell-staining fluorescent probes in vitro. <i>RSC Advances</i> , 2020, 10, 31748-31757.	3.6	13
14	Recent Advances in BODIPY Compounds: Synthetic Methods, Optical and Nonlinear Optical Properties, and Their Medical Applications. <i>Molecules</i> , 2022, 27, 1877.	3.8	13
15	Organotin Schiff bases as halofluorochromic dyes: green synthesis, chemio-photophysical characterization, DFT, and their fluorescent bioimaging in vitro. <i>Journal of Materials Chemistry B</i> , 2021, 9, 7698-7712.	5.8	12
16	Fluorescent molecular rotors (FMRs) of organoboron derived from Schiff bases and their multi-stimuli responsive. <i>Optical Materials</i> , 2019, 89, 123-131.	3.6	11
17	Molecular structures, DFT studies and their photophysical properties in solution and solid state. Microwave-assisted multicomponent synthesis of organotin bearing Schiff bases. <i>Journal of Molecular Structure</i> , 2019, 1180, 642-650.	3.6	10
18	Ultrasound-assisted synthesis of organotin compounds and their application as luminescent dye in silk fibroin scaffolds. <i>Inorganica Chimica Acta</i> , 2020, 505, 119490.	2.4	10

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19	Far-Red and Near-Infrared Boron Schiff Bases (BOSCHIBAs) Dyes Bearing Anionic Boron Clusters. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2047-2054.	2.0	9
20	Fluorescent organotin compounds as dyes in silk fibroin (<i>Bombyx mori</i>): ultrasound-assisted synthesis, chemo-optical characterization, cytotoxicity, and confocal fluorescence microscopy. <i>New Journal of Chemistry</i> , 2019, 43, 5150-5158.	2.8	8
21	Fluorescent boron Schiff bases dyes for staining silk fibroin: Green synthesis, structural characterization, DFT, and photophysical properties. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4609.	3.5	7
22	Organoboron Schiff bases as cell-staining fluorescent probes: Synthesis, Chemio-photophysical characterization, DFT, and X-ray structures. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4718.	3.5	6
23	Two-Photon Detection of Organotin Schiff Base Complexes in Cancer Cells. <i>ChemistrySelect</i> , 2020, 5, 1623-1627.	1.5	6
24	Synthesis, structural characterization, cytotoxicity in vitro, and effect on DNA of sulfate-trans-dichloro-trans-bis(dimethylsulfoxide)-trans-dimethyl-tin(IV). <i>Journal of Molecular Structure</i> , 2014, 1058, 9-13.	3.6	5
25	Recent advances in microwave assisted syntheses of organometallic and coordination compounds. , 2021, , 543-584.		2
26	Supramolecular interactions in X-ray structures of oxalamides: Green synthesis and characterization. <i>Journal of Molecular Structure</i> , 2022, 1263, 133144.	3.6	0