Carla QueirÃ“s

List of Publications by Year
in descending order

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23 papers	388 citations	759055 12 h-index	752573 20 g-index
23 all docs	23 docs citations	23 times ranked	549 citing authors

#	Article	IF	Citations
1	Fluoroquinoloneâ€“metal complexes: A route to counteract bacterial resistance?. Journal of Inorganic Biochemistry, 2014, 138, 129-143.	1.5	51
2	A novel fluorescein-based dye containing a catechol chelating unit to sense iron(III). Dyes and Pigments, 2012, 93, 1447-1455.	2.0	49
3	Subppm Amine Detection via Absorption and Luminescence Turn-On Caused by Ligand Exchange in Metal Organic Frameworks. Analytical Chemistry, 2019, 91, 15853-15859.	3.2	37
4	Rhodamine labeling of 3-hydroxy-4-pyridinone iron chelators is an important contribution to target Mycobacterium avium infection. Journal of Inorganic Biochemistry, 2013, 121, 156-166.	1.5	32
5	Microwaveâ€Assisted Synthesis and Spectroscopic Properties of 4â€²â€Substituted Rosamine Fluorophores and Naphthyl Analogues. European Journal of Organic Chemistry, 2012, 2012, 5810-5817.	1.2	31
6	Investigation of the insulin-like properties of zinc(II) complexes of 3-hydroxy-4-pyridinones: Identification of a compound with glucose lowering effect in STZ-induced type I diabetic animals. Journal of Inorganic Biochemistry, 2011, 105, 1675-1682.	1.5	29
7	Nickel(II) and Cobalt(II) 3-Hydroxy-4-pyridinone Complexes: Synthesis, Characterization and Speciation Studies in Aqueous Solution. European Journal of Inorganic Chemistry, 2011, 2011, 131-140.	1.0	25
8	Preparation of Luminescent Metal-Organic Framework Films by Soft-Imprinting for 2,4-Dinitrotoluene Sensing. Materials, 2017, 10, 992.	1.3	25
9	Design of a water soluble 1,8-naphthalimide/3-hydroxy-4-pyridinone conjugate: Investigation of its spectroscopic properties at variable pH and in the presence of Fe3+, Cu2+ and Zn2+. Dyes and Pigments, 2013, 98, 201-211.	2.0	16
10	Distinctive EPR signals provide an understanding of the affinity of bis-(3-hydroxy-4-pyridinonato) copper(<scp>ii</scp>) complexes for hydrophobic environments. Dalton Transactions, 2014, 43, 9722-9731.	1.6	15
11	Tuning the limits of pH interference of a rhodamine ion sensor by introducing catechol and 3-hydroxy-4-pyridinone chelating units. Dyes and Pigments, 2014, 110, 193-202.	2.0	13
12	Reversible Protonation of Porphyrinic Metalâ€Organic Frameworks Embedded in Nanoporous Polydimethylsiloxane for Colorimetric Sensing. Advanced Materials Interfaces, 2021, 8, 2001759.	1.9	13
13	Synthesis, characterization, and cellular investigations of porphyrinâ€“ and chlorinâ€“indomethacin conjugates for photodynamic therapy of cancer. Organic and Biomolecular Chemistry, 2021, 19, 6501-6512.	1.5	11
14	Preparation and Optimization of Fluorescent Thin Films of Rosamine-SiO2/TiO2 Composites for NO2 Sensing. Materials, 2017, 10, 124.	1.3	10
15	The Influence of the Amide Linkage in the Fe^{III}â€Binding Properties of Catecholâ€Modified Rosamine Derivatives. Chemistry - A European Journal, 2015, 21, 15692-15704.	1.7	8
16	Synthesis and spectroscopic characterization of a new tripodal hexadentate iron chelator incorporating catechol units. Polyhedron, 2015, 87, 1-7.	1.0	6
17	Synthesis of a highly emissive carboxylated pyrrolidine-fused chlorin for optical sensing of TATP vapours. Dyes and Pigments, 2021, 195, 109721.	2.0	5
18	Synthesis of Catechol Derived Rosamine Dyes and Their Reactivity toward Biogenic Amines. Molecules, 2021, 26, 5082.	1.7	4

#	Article	IF	Citations
19	Synthesis and characterization of two fluorescent isophthalate rosamines: From solution to immobilization in solid substrates. Dyes and Pigments, 2018, 157, 405-414.	2.0	3
20	Fluorescent Rosamine/TiO2 Composite Films for the Optical Detection of NO2. Journal of Sensors, 2018, 2018, 1-7.	0.6	2
21	From Discrete Complexes to Metalâ€“Organic Layered Materials: Remarkable Hydrogen Bonding Frameworks. Molecules, 2020, 25, 1353.	1.7	2
22	Multidimensional Ln-Aminophthalate Photoluminescent Coordination Polymers. Materials, 2021, 14, 1786.	1.3	1
23	Functionalization of Rhodamine Platforms with 3-Hydroxy-4-pyridinone Chelating Units and Its Fluorescence Behavior towards Fe(III). Molecules, 2022, 27, 1567.	1.7	0