

Carla QueirÃ“s

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Functionalization of Rhodamine Platforms with 3-Hydroxy-4-pyridinone Chelating Units and Its Fluorescence Behavior towards Fe(III). <i>Molecules</i> , 2022, 27, 1567.	1.7	0
2	Synthesis, characterization, and cellular investigations of porphyrin and chlorin indomethacin conjugates for photodynamic therapy of cancer. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6501-6512.	1.5	11
3	Reversible Protonation of Porphyrinic Metal-Organic Frameworks Embedded in Nanoporous Polydimethylsiloxane for Colorimetric Sensing. <i>Advanced Materials Interfaces</i> , 2021, 8, 2001759.	1.9	13
4	Multidimensional Ln-Aminophthalate Photoluminescent Coordination Polymers. <i>Materials</i> , 2021, 14, 1786.	1.3	1
5	Synthesis of Catechol Derived Rosamine Dyes and Their Reactivity toward Biogenic Amines. <i>Molecules</i> , 2021, 26, 5082.	1.7	4
6	Synthesis of a highly emissive carboxylated pyrrolidine-fused chlorin for optical sensing of TATP vapours. <i>Dyes and Pigments</i> , 2021, 195, 109721.	2.0	5
7	From Discrete Complexes to Metal-Organic Layered Materials: Remarkable Hydrogen Bonding Frameworks. <i>Molecules</i> , 2020, 25, 1353.	1.7	2
8	Subppm Amine Detection via Absorption and Luminescence Turn-On Caused by Ligand Exchange in Metal Organic Frameworks. <i>Analytical Chemistry</i> , 2019, 91, 15853-15859.	3.2	37
9	Fluorescent Rosamine/TiO ₂ Composite Films for the Optical Detection of NO ₂ . <i>Journal of Sensors</i> , 2018, 2018, 1-7.	0.6	2
10	Synthesis and characterization of two fluorescent isophthalate rosamines: From solution to immobilization in solid substrates. <i>Dyes and Pigments</i> , 2018, 157, 405-414.	2.0	3
11	Preparation of Luminescent Metal-Organic Framework Films by Soft-Imprinting for 2,4-Dinitrotoluene Sensing. <i>Materials</i> , 2017, 10, 992.	1.3	25
12	Preparation and Optimization of Fluorescent Thin Films of Rosamine-SiO ₂ /TiO ₂ Composites for NO ₂ Sensing. <i>Materials</i> , 2017, 10, 124.	1.3	10
13	The Influence of the Amide Linkage in the Fe ^{III} -Binding Properties of Catechol-Modified Rosamine Derivatives. <i>Chemistry - A European Journal</i> , 2015, 21, 15692-15704.	1.7	8
14	Synthesis and spectroscopic characterization of a new tripodal hexadentate iron chelator incorporating catechol units. <i>Polyhedron</i> , 2015, 87, 1-7.	1.0	6
15	Tuning the limits of pH interference of a rhodamine ion sensor by introducing catechol and 3-hydroxy-4-pyridinone chelating units. <i>Dyes and Pigments</i> , 2014, 110, 193-202.	2.0	13
16	Distinctive EPR signals provide an understanding of the affinity of bis-(3-hydroxy-4-pyridinonato) copper(II) complexes for hydrophobic environments. <i>Dalton Transactions</i> , 2014, 43, 9722-9731.	1.6	15
17	Fluoroquinolone-metal complexes: A route to counteract bacterial resistance?. <i>Journal of Inorganic Biochemistry</i> , 2014, 138, 129-143.	1.5	51
18	Rhodamine labeling of 3-hydroxy-4-pyridinone iron chelators is an important contribution to target <i>Mycobacterium avium</i> infection. <i>Journal of Inorganic Biochemistry</i> , 2013, 121, 156-166.	1.5	32

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19	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 Fe ³⁺ , Cu ²⁺ and Zn ²⁺ . <i>Dyes and Pigments</i> , 2013, 98, 201-211.	2.0	16
20	Microwave-Assisted Synthesis and Spectroscopic Properties of 4-Substituted Rosamine Fluorophores and Naphthyl Analogues. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5810-5817.	1.2	31
21	A novel fluorescein-based dye containing a catechol chelating unit to sense iron(III). <i>Dyes and Pigments</i> , 2012, 93, 1447-1455.	2.0	49
22	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. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 1675-1682.	1.5	29
23	Nickel(II) and Cobalt(II) 3-Hydroxy-4-pyridinone Complexes: Synthesis, Characterization and Speciation Studies in Aqueous Solution. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 131-140.	1.0	25