

Carla Queirs

List of Publications by Citations

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21
papers

305
citations

10
h-index

17
g-index

23
ext. papers

356
ext. citations

4.1
avg, IF

2.67
L-index

#	Paper	IF	Citations
21	Fluoroquinolone-metal complexes: a route to counteract bacterial resistance?. <i>Journal of Inorganic Biochemistry</i> , 2014 , 138, 129-143	4.2	43
20	A novel fluorescein-based dye containing a catechol chelating unit to sense iron(III). <i>Dyes and Pigments</i> , 2012 , 93, 1447-1455	4.6	43
19	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, 156-66	4.2	29
18	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, 1675-82	4.2	28
17	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	3.2	27
16	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	2.3	23
15	Preparation of Luminescent Metal-Organic Framework Films by Soft-Imprinting for 2,4-Dinitrotoluene Sensing. <i>Materials</i> , 2017 , 10,	3.5	21
14	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	7.8	20
13	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	4.6	16
12	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, 9722-31	4.3	12
11	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	4.6	9
10	Preparation and Optimization of Fluorescent Thin Films of Rosamine-SiO ₂ /TiO ₂ Composites for NO ₂ Sensing. <i>Materials</i> , 2017 , 10,	3.5	7
9	Synthesis and spectroscopic characterization of a new tripodal hexadentate iron chelator incorporating catechol units. <i>Polyhedron</i> , 2015 , 87, 1-7	2.7	6
8	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, 15692-704	4.8	6
7	Reversible Protonation of Porphyrinic Metal-Organic Frameworks Embedded in Nanoporous Polydimethylsiloxane for Colorimetric Sensing. <i>Advanced Materials Interfaces</i> , 2021 , 8, 2001759	4.6	4
6	Synthesis and characterization of two fluorescent isophthalate rosamines: From solution to immobilization in solid substrates. <i>Dyes and Pigments</i> , 2018 , 157, 405-414	4.6	3
5	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	3.9	3

4	From Discrete Complexes to Metal-Organic Layered Materials: Remarkable Hydrogen Bonding Frameworks. <i>Molecules</i> , 2020 , 25,	4.8	2
3	Fluorescent Rosamine/TiO ₂ Composite Films for the Optical Detection of NO ₂ . <i>Journal of Sensors</i> , 2018 , 2018, 1-7	2	2
2	Multidimensional Ln-Aminophthalate Photoluminescent Coordination Polymers. <i>Materials</i> , 2021 , 14,	3.5	1
1	Synthesis of a highly emissive carboxylated pyrrolidine-fused chlorin for optical sensing of TATP vapours. <i>Dyes and Pigments</i> , 2021 , 195, 109721	4.6	0