Carla Queirs

List of Publications by Year in Descending Order

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	Reversible Protonation of Porphyrinic Metal-Organic Frameworks Embedded in Nanoporous Polydimethylsiloxane for Colorimetric Sensing. *Advanced Materials Interfaces*, **2021**, 8, 2001759	4.6	4
20	Multidimensional Ln-Aminophthalate Photoluminescent Coordination Polymers. *Materials*, **2021**, 14,	3.5	1
19	Synthesis, characterization, and cellular investigations of porphyrin- and chlorin-indomethacin conjugates for photodynamic therapy of cancer. *Organic and Biomolecular Chemistry*, **2021**, 19, 6501-6512	3.9	3
18	Synthesis of a highly emissive carboxylated pyrrolidine-fused chlorin for optical sensing of TATP vapours. *Dyes and Pigments*, **2021**, 195, 109721	4.6	0
17	From Discrete Complexes to Metal-Organic Layered Materials: Remarkable Hydrogen Bonding Frameworks. *Molecules*, **2020**, 25,	4.8	2
16	Subppm Amine Detection via Absorption and Luminescence Turn-On Caused by Ligand Exchange in Metal Organic Frameworks. *Analytical Chemistry*, **2019**, 91, 15853-15859	7.8	20
15	Fluorescent Rosamine/TiO2 Composite Films for the Optical Detection of NO2. *Journal of Sensors*, **2018**, 2018, 1-7	2	2
14	Synthesis and characterization of two fluorescent isophthalate rosamines: From solution to immobilization in solid substrates. *Dyes and Pigments*, **2018**, 157, 405-414	4.6	3
13	Preparation of Luminescent Metal-Organic Framework Films by Soft-Imprinting for 2,4-Dinitrotoluene Sensing. *Materials*, **2017**, 10,	3.5	21
12	Preparation and Optimization of Fluorescent Thin Films of Rosamine-SiO2/TiO2 Composites for NO2 Sensing. *Materials*, **2017**, 10,	3.5	7
11	Synthesis and spectroscopic characterization of a new tripodal hexadentate iron chelator incorporating catechol units. *Polyhedron*, **2015**, 87, 1-7	2.7	6
10	The Influence of the Amide Linkage in the Fe(III) -Binding Properties of Catechol-Modified Rosamine Derivatives. *Chemistry - A European Journal*, **2015**, 21, 15692-704	4.8	6
9	Distinctive EPR signals provide an understanding of the affinity of bis-(3-hydroxy-4-pyridinonato) copper(II) complexes for hydrophobic environments. *Dalton Transactions*, **2014**, 43, 9722-31	4.3	12
8	Fluoroquinolone-metal complexes: a route to counteract bacterial resistance?. *Journal of Inorganic Biochemistry*, **2014**, 138, 129-143	4.2	43
7	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	4.6	9
6	Rhodamine labeling of 3-hydroxy-4-pyridinone iron chelators is an important contribution to target Mycobacterium avium infection. *Journal of Inorganic Biochemistry*, **2013**, 121, 156-66	4.2	29
5	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	4.6	16

4	A novel fluorescein-based dye containing a catechol chelating unit to sense iron(III). *Dyes and Pigments*, **2012**, 93, 1447-1455	4.6	43
3	Microwave-Assisted Synthesis and Spectroscopic Properties of 4?-Substituted Rosamine Fluorophores and Naphthyl Analogues. *European Journal of Organic Chemistry*, **2012**, 2012, 5810-5817	3.2	27
2	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, 1675-82	4.2	28
1	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	2.3	23