## **Ricardo F Mendes**

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Lanthanide-based complexes as efficient physiological temperature sensors. Materials Chemistry and Physics, 2022, 277, 125424.	4.0	14
2	Virus meet metal-organic frameworks: A nanoporous solution to a world-sized problem?. Materials Today, 2021, 43, 84-98.	14.2	17
3	Multifunctionality in an Ion-Exchanged Porous Metal–Organic Framework. Journal of the American Chemical Society, 2021, 143, 1365-1376.	13.7	31
4	Versatile Coordination Polymer Catalyst for Acid Reactions Involving Biobased Heterocyclic Chemicals. Catalysts, 2021, 11, 190.	3.5	8
5	New triazine bridged triads based on BODIPY-porphyrin systems: Extended absorption, efficient energy transfer and upconverted emission. Dyes and Pigments, 2021, 187, 109137.	3.7	4
6	Membrane-Supported Layered Coordination Polymer as an Advanced Sustainable Catalyst for Desulfurization. Molecules, 2021, 26, 2404.	3.8	3
7	Comparison of the Photodynamic Action of Porphyrin, Chlorin, and Isobacteriochlorin Derivatives toward a Melanotic Cell Line. ACS Applied Bio Materials, 2021, 4, 4925-4935.	4.6	10
8	Solketal Production via Solvent-Free Acetalization of Glycerol over Triphosphonic-Lanthanide Coordination Polymers. Catalysts, 2021, 11, 598.	3.5	11
9	Coordination Compounds As Multi-Delivery Systems for Osteoporosis. ACS Applied Materials & Interfaces, 2021, 13, 35469-35483.	8.0	10
10	Hemi-synthesis, in-vitro and in-silico bioactivities of new chiral-Schiff bases and benzodiazepine derivatives from Ammodaucus leucotrichus(S)-perillaldehyde. Journal of Molecular Structure, 2021, 1241, 130690.	3.6	6
11	Novel bis-(3-cyano-2-pyridones) derivatives: synthesis and fluorescent properties. Research on Chemical Intermediates, 2021, 47, 1331-1348.	2.7	4
12	A 5-(2-Pyridyl)tetrazolate Complex of Molybdenum(VI), Its Structure, and Transformation to a Molybdenum Oxide-Based Hybrid Heterogeneous Catalyst for the Epoxidation of Olefins. Catalysts, 2021, 11, 1407.	3.5	7
13	A Suitable Functionalization of Nitroindazoles with Triazolyl and Pyrazolyl Moieties via Cycloaddition Reactions. Molecules, 2020, 25, 126.	3.8	3
14	High Catalytic Efficiency of a Layered Coordination Polymer to Remove Simultaneous Sulfur and Nitrogen Compounds from Fuels. Catalysts, 2020, 10, 731.	3.5	12
15	Metal–organic frameworks: a future toolbox for biomedicine?. Chemical Society Reviews, 2020, 49, 9121-9153.	38.1	130
16	Pyrene Tetraphosphonateâ€Based Metalâ€Organic Framework: Structure and Photoluminescence. European Journal of Inorganic Chemistry, 2020, 2020, 3565-3572.	2.0	1
17	Frontispiece: Bone Tissue Disorders: Healing Through Coordination Chemistry. Chemistry - A European Journal, 2020, 26,	3.3	0
18	Bone Tissue Disorders: Healing Through Coordination Chemistry. Chemistry - A European Journal, 2020, 26, 15416-15437.	3.3	5

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19	Enhanced proton conductivity in a layered coordination polymer. Chemical Science, 2020, 11, 6305-6311.	7.4	26
20	Microwave synthesis of metal-organic frameworks. , 2020, , 159-176.		1
21	Multifunctionality and cytotoxicity of a layered coordination polymer. Dalton Transactions, 2020, 49, 3989-3998.	3.3	5
22	Easy Processing of Metal–Organic Frameworks into Pellets and Membranes. Applied Sciences (Switzerland), 2020, 10, 798.	2.5	6
23	Multicomponent and 1,3-dipolar cycloaddition synthesis of triazole- and isoxazole-acridinedione/xanthenedione heterocyclic hybrids: Cytotoxic effects on human cancer cells. Journal of Molecular Structure, 2020, 1217, 128325.	3.6	21
24	Coordination Polymers Based on a Biphenyl Tetraphosphonate Linker: Synthesis Control and Photoluminescence. Molecules, 2020, 25, 1835.	3.8	0
25	Oxidation of tellurium dyes induced by mercury: More insights on the naked-eye and fluorescent Hg2+ detection. Dyes and Pigments, 2019, 160, 208-216.	3.7	13
26	Synthesis and characterization of photoactive porphyrin and poly(2-hydroxyethyl methacrylate) based materials with bactericidal properties. Applied Materials Today, 2019, 16, 332-341.	4.3	22
27	Boosting Drug Discovery for Parkinson's: Enhancement of the Delivery of a Monoamine Oxidase-B Inhibitor by Brain-Targeted PEGylated Polycaprolactone-Based Nanoparticles. Pharmaceutics, 2019, 11, 331.	4.5	11
28	New nitroindazolylacetonitriles: efficient synthetic access <i>via</i> vicarious nucleophilic substitution and tautomeric switching mediated by anions. New Journal of Chemistry, 2019, 43, 14355-14367.	2.8	8
29	Hemi-Synthesis of Chiral Imine, Benzimidazole and Benzodiazepines from Essential Oil of Ammodaucus leucotrichus subsp. leucotrichus. Molecules, 2019, 24, 975.	3.8	10
30	A Reusable Eu <sup>3+</sup> Complex for Nakedâ€Eye Discrimination of Methanol from Ethanol with a Ratiometric Fluorimetric Equilibrium in Methanol/Ethanol Mixtures. European Journal of Inorganic Chemistry, 2019, 2019, 4727-4734.	2.0	4
31	Synthesis and Biological Evaluation of New Functionalized Nitroindazolylacetonitrile Derivatives. ChemistrySelect, 2019, 4, 14335-14342.	1.5	8
32	Porphyrinic coordination polymer-type materials as heterogeneous catalysts in catechol oxidation. Polyhedron, 2019, 158, 478-484.	2.2	13
33	One-dimensional ladder gallium coordination polymer. Acta Crystallographica Section E: Crystallographic Communications, 2019, 75, 1607-1612.	0.5	0
34	Diastereoselective One-Pot Tandem Synthesis of Chromenopyridodiazepinones through 1,4- and 1,6-Aza-Conjugate Additions/Heterocyclizations. Synlett, 2018, 29, 885-889.	1.8	2
35	Bifunctional Porphyrin-Based Nano-Metal–Organic Frameworks: Catalytic and Chemosensing Studies. Inorganic Chemistry, 2018, 57, 3855-3864	4.0	43
36	Metal–organic framework assembled from erbium and a tetrapodal polyphosphonic acid organic linker. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 752-759.	0.5	4

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37	Catalyst-Free One-Pot Synthesis of Chromeno-Imidazo-Pyridinones by an Aza-Michael Addition/Rearrangement/Heterocyclization Tandem Reaction. Synlett, 2018, 29, 1437-1440.	1.8	1
38	Microwave Synthesis of a photoluminescent Metal-Organic Framework based on a rigid tetraphosphonate linker. Inorganica Chimica Acta, 2017, 455, 584-594.	2.4	16
39	Synthesis, characterization and catalytic activity under homogeneous conditions of ethylene glycol substituted porphyrin manganese(III) complexes. Inorganica Chimica Acta, 2017, 455, 575-583.	2.4	21
40	Robust Multifunctional Yttrium-Based Metal–Organic Frameworks with Breathing Effect. Inorganic Chemistry, 2017, 56, 1193-1208.	4.0	47
41	Copper–Porphyrin–Metal–Organic Frameworks as Oxidative Heterogeneous Catalysts. ChemCatChem, 2017, 9, 2939-2945.	3.7	25
42	Excimer Formation in a Terbium Metal–Organic Framework Assists Luminescence Thermometry. Chemistry of Materials, 2017, 29, 9547-9554.	6.7	65
43	Photoluminescent Lanthanide-Organic Framework Based on a Tetraphosphonic Acid Linker. Crystal Growth and Design, 2017, 17, 5191-5199.	3.0	20
44	Dynamic breathing effect in metal-organic frameworks: Reversible 2D-3D-2D-3D single-crystal to single-crystal transformation. Inorganica Chimica Acta, 2017, 460, 99-107.	2.4	11
45	Crystal structure of a compact three-dimensional metal–organic framework based on Cs <sup>+</sup> and (4,5-dicyano-1,2-phenylene)bis(phosphonic acid). Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1794-1798.	0.5	1
46	Metallomesogens with Luminescent Behaviour: Palladium Complexes Derived from Alkylamide Tetraarylporphyrins. ChemPlusChem, 2016, 81, 262-273.	2.8	13
47	Reviewing the Manifold Aspects of Ganciclovir Crystal Forms. Crystal Growth and Design, 2016, 16, 4108-4118.	3.0	4
48	A Lamellar Coordination Polymer with Remarkable Catalytic Activity. Chemistry - A European Journal, 2016, 22, 13136-13146.	3.3	23
49	Metallomesogens with Luminescent Behaviour: Palladium Complexes Derived from Alkylamide Tetraarylporphyrins. ChemPlusChem, 2016, 81, 253-253.	2.8	0
50	A ladder coordination polymer based on Ca <sup>2+</sup> and (4,5-dicyano-1,2-phenylene)bis(phosphonic acid): crystal structure and solution-state NMR study. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 685-691.	0.5	1
51	Catalytic Oneâ€Pot Diastereoselective Michaelâ€Initiated Ring losure of Methyl Ketones with 3â€Bromochromones: Synthesis of Cyclopropa[ <i>b</i> ]chromanones. European Journal of Organic Chemistry, 2016, 2016, 3949-3958.	2.4	8
52	New copper porphyrins as functional models of catechol oxidase. Journal of Catalysis, 2016, 344, 303-312.	6.2	15
53	Transforming metal–organic frameworks into functional materials. Inorganic Chemistry Frontiers, 2015, 2, 495-509.	6.0	42
54	Sustainable synthesis of a catalytic active one-dimensional lanthanide–organic coordination polymer. Chemical Communications, 2015, 51, 10807-10810.	4.1	31

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55	Phosphonate Appended Porphyrins as Versatile Chemosensors for Selective Detection of Trinitrotoluene. Analytical Chemistry, 2015, 87, 4515-4522.	6.5	53
56	Modelling the Luminescence of Phosphonate Lanthanide-Organic Frameworks. European Journal of Inorganic Chemistry, 2015, 2015, 1254-1260.	2.0	7
57	Structural Diversity of Lanthanum–Organic Frameworks Based on 1,4-Phenylenebis(methylene)diphosphonic Acid. Crystal Growth and Design, 2013, 13, 543-560.	3.0	19
58	Lanthanide-polyphosphonate coordination polymers combining catalytic and photoluminescence properties. Chemical Communications, 2013, 49, 6400.	4.1	51
59	Superparamagnetic MFe <sub>2</sub> O <sub>4</sub> (M = Fe, Co, Mn) Nanoparticles: Tuning the Particle Size and Magnetic Properties through a Novel One-Step Coprecipitation Route. Chemistry of Materials, 2012, 24, 1496-1504.	6.7	446
60	Thermodynamic study of 9-anthracenecarboxylic acid. Journal of Chemical Thermodynamics, 2011, 43, 172-176.	2.0	4