

# Josã© Ap Fernandes

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Highly Luminescent Tris( $\beta^2$ -diketonate)europium(III) Complexes Immobilized in a Functionalized Mesoporous Silica. <i>Chemistry of Materials</i> , 2005, 17, 5077-5084.	3.2	172
2	Hydrogen activation by high-valent oxo-molybdenum(vi) and -rhenium(vii) and -(v) compounds. <i>Dalton Transactions</i> , 2008, , 1727.	1.6	80
3	Investigation of europium(III) and gadolinium(III) complexes with naphthoyltrifluoroacetone and bidentate heterocyclic amines. <i>Journal of Luminescence</i> , 2005, 113, 50-63.	1.5	78
4	Dioxomolybdenum(VI) modified mesoporous materials for the catalytic epoxidation of olefins. <i>Catalysis Today</i> , 2006, 114, 263-271.	2.2	71
5	Highly Efficient Reduction of Sulfoxides with the System Borane/Oxo-rhenium Complexes. <i>Organometallics</i> , 2010, 29, 5517-5525.	1.1	63
6	Chloramphenicol- $\alpha$ -cyclodextrin inclusion compounds: co-dissolution and mechanochemical preparations and antibacterial action. <i>CrystEngComm</i> , 2013, 15, 2822.	1.3	63
7	Thermal Transformation of a Layered Multifunctional Network into a Metal-Organic Framework Based on a Polymeric Organic Linker. <i>Journal of the American Chemical Society</i> , 2011, 133, 15120-15138.	6.6	59
8	X-ray and NMR Crystallography Studies of Novel Theophylline Cocrystals Prepared by Liquid Assisted Grinding. <i>Crystal Growth and Design</i> , 2015, 15, 3674-3683.	1.4	57
9	Spectroscopic Studies of Europium(III) and Gadolinium(III) Tris- $\beta^2$ -diketonate Complexes with Diazabutadiene Ligands. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3913-3919.	1.0	55
10	Lanthanide-polyphosphonate coordination polymers combining catalytic and photoluminescence properties. <i>Chemical Communications</i> , 2013, 49, 6400.	2.2	51
11	Multifunctional micro- and nanosized metal-organic frameworks assembled from bisphosphonates and lanthanides. <i>Journal of Materials Chemistry C</i> , 2014, 2, 3311.	2.7	44
12	Activation of B-H bonds by an oxo-rhenium complex. <i>Dalton Transactions</i> , 2008, , 6686.	1.6	40
13	Synthesis and biological evaluation of ternary silver compounds bearing N,N-chelating ligands and thiourea: X-ray structure of $[\{Ag(bpy)(\frac{1}{4}tu)\}_2](NO_3)_2$ (bpy=2,2'-bipyridine; tu=thiourea). <i>Polyhedron</i> , 2014, 79, 197-206.	1.0	34
14	Nitro-Functionalized Bis(pyrazolate) Metal-Organic Frameworks as Carbon Dioxide Capture Materials under Ambient Conditions. <i>Chemistry - A European Journal</i> , 2018, 24, 13170-13180.	1.7	29
15	Emission quantum yield of a europium(III) tris- $\beta^2$ -diketonate complex bearing a 1,4-diaza-1,3-butadiene: Comparison with theoretical prediction. <i>Chemical Physics Letters</i> , 2005, 413, 22-24.	1.2	26
16	Luminescence properties of composites made of a europium(III) complex and electroluminescent polymers with different energy gaps. <i>Journal Physics D: Applied Physics</i> , 2006, 39, 3582-3587.	1.3	26
17	$\beta^2$ -Cyclodextrin inclusion of europium(III) tris( $\beta^2$ -diketonate)-bipyridine. <i>Polyhedron</i> , 2006, 25, 1471-1476.	1.0	26
18	Synthesis and characterization of a manganese(II) acetonitrile complex supported on functionalized MCM-41. <i>Microporous and Mesoporous Materials</i> , 2004, 76, 131-136.	2.2	25

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19	Bis(pyrazolyl)methanetetra-carbonyl-molybdenum(0) as precursor to a molybdenum(VI) catalyst for olefin epoxidation. <i>Journal of Organometallic Chemistry</i> , 2013, 723, 56-64.	0.8	23
20	Bis(4-hydroxy-2H-chromen-2-one): Synthesis and effects on leukemic cell lines proliferation and NF- $\kappa$ B regulation. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 3008-3015.	1.4	23
21	Tris(pyrazolyl)methane molybdenum tricarbonyl complexes as catalyst precursors for olefin epoxidation. <i>Journal of Molecular Catalysis A</i> , 2013, 370, 64-74.	4.8	22
22	Inclusion complex formation of diferrocenyldimethylsilane with $\beta$ -cyclodextrin. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 4801-4808.	0.8	21
23	Photoluminescent layered lanthanide-organic framework based on a novel trifluorotriphosphonate organic linker. <i>CrystEngComm</i> , 2014, 16, 344-358.	1.3	21
24	Structural Diversity of Lanthanum-Organic Frameworks Based on 1,4-Phenylenebis(methylene)diphosphonic Acid. <i>Crystal Growth and Design</i> , 2013, 13, 543-560.	1.4	19
25	CH <sub>3</sub> -Tagged Bis(pyrazolato)-Based Coordination Polymers and Metal-Organic Frameworks: An Experimental and Theoretical Insight. <i>Crystal Growth and Design</i> , 2017, 17, 3854-3867.	1.4	19
26	Analysis of the microcrystalline inclusion compounds of triclosan with $\beta$ -cyclodextrin and its tris-O-methylated derivative. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 80, 34-43.	1.4	16
27	Inclusion Complexation of Dimeric and Trimeric Oligo(ferrocenyldimethylsilanes) with $\beta$ -Cyclodextrin. <i>Organometallics</i> , 2005, 24, 5673-5677.	1.1	15
28	Immobilisation of methyltrioxorhenium on functionalised MCM-41. <i>Microporous and Mesoporous Materials</i> , 2006, 89, 284-290.	2.2	15
29	Metal-organic frameworks based on uranyl and phosphonate ligands. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014, 70, 28-36.	0.5	14
30	Diastereoselective synthesis of benzofuran-3(2H)-one-hydantoin dyads. <i>Tetrahedron</i> , 2013, 69, 5413-5420.	1.0	13
31	Syntheses and structures of molybdenum and tungsten pentabenzylcyclopentadienyl complexes: new chlorination reactions. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 2368-2376.	0.8	12
32	Pyrazolyl Pd(II) complexes containing triphenylphosphine: Synthesis and antimycobacterial activity. <i>Polyhedron</i> , 2015, 100, 10-16.	1.0	11
33	Syntheses and dynamic NMR studies on 3-(1- $\epsilon^2$ -indenyl)propyl-N,N-bis(trimethylsilyl)amine metal derivatives. <i>Inorganica Chimica Acta</i> , 2003, 356, 279-287.	1.2	10
34	Studies on polymorph conversion in a new cyclodextrin inclusion compound. <i>CrystEngComm</i> , 2015, 17, 937-946.	1.3	10
35	Structural Studies and Cytotoxicity of Trimethyl(ferrocenylmethyl)ammonium Iodide Encapsulated in $\beta$ -Cyclodextrin. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 4955-4963.	1.0	8
36	Organobase catalyzed 1,4-conjugate addition of 4-hydroxycoumarin on chalcones: Synthesis, NMR and single-crystal X-ray diffraction studies of novel warfarin analogues. <i>Journal of Molecular Structure</i> , 2015, 1094, 13-21.	1.8	8

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37	<i>catena</i>-Poly[[triquachlorido- $\frac{1}{4}$ -malonato-cerium(III)] hemihydrate]. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1514-m1515.	0.2	6
38	5-Amino-1H-1,2,4-triazol-4-ium-3-carboxylate hemihydrate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2073-o2074.	0.2	6
39	Supramolecular assemblies and magnetic behaviors of the M(II)/p-aminopyridine/malonate (M=Ni, Mn,) Tj ETQq1 1 0,784314 rgBT /Ov	1.0	6
40	Use of Organomolybdenum Compounds for Promoted Hydrolysis of Phosphoester Bonds in Aqueous Media. European Journal of Inorganic Chemistry, 2014, 2014, 3681-3689.	1.0	6
41	Crystal Structure and Spectroscopic Studies of a Dimeric Europium(III) $\beta$ -Diketonate Complex Containing [3-(2-Pyridyl)-1-pyrazolyl]acetate. European Journal of Inorganic Chemistry, 2014, 2014, 1284-1288.	1.0	6
42	Multidimensional Transition Metal Complexes Based on 3-Amino-1H-1,2,4-triazole-5-carboxylic Acid: From Discrete Mononuclear Complexes to Layered Materials. Molecules, 2015, 20, 12341-12363.	1.7	6
43	1,4-Bis(2,2,6,6-tetrapyridin-4-yl)benzene. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3241-o3242.	0.2	5
44	Arcyriaflavin A monohydrate. Acta Crystallographica Section C: Crystal Structure Communications, 2011, 67, o57-o59.	0.4	5
45	4-Phenyl-1-(prop-2-yn-1-yl)-1H-1,5-benzodiazepin-2(3H)-one. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2075-o2076.	0.2	5
46	Isolation, crystal structure, and cytotoxicity on osteosarcoma of a ruthenium(III) complex with coordinated acetonitrile. Journal of Coordination Chemistry, 2012, 65, 2489-2499.	0.8	5
47	Supramolecular adducts of native and permethylated $\beta$ -cyclodextrins with (2,2'-dipyridylamine)chlorido(1,4,7-trithiacyclononane)ruthenium(II) chloride: solid-state and biological activity studies. Chemical Papers, 2017, 71, 1235-1248.	1.0	5
48	Experimental and Theoretical Study of the Encapsulation of a Linear Oligo(ferrocenylsilane) Trimer with $\beta$ -Cyclodextrin. European Journal of Inorganic Chemistry, 2005, 2005, 4729-4734.	1.0	4
49	New phospholyl complexes of groups 4 and 6: Syntheses, characterisation and polymerisation studies. Inorganica Chimica Acta, 2009, 362, 1275-1281.	1.2	4
50	(R)-(1-Ammonioethyl)phosphonate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2271-o2272.	0.2	4
51	Inclusion of potassium 4,4'-biphenyldicarboxylate into $\beta$ -cyclodextrin: the design and synthesis of an organic secondary building unit. New Journal of Chemistry, 2011, 35, 1280.	1.4	4
52	Reviewing the Manifold Aspects of Ganciclovir Crystal Forms. Crystal Growth and Design, 2016, 16, 4108-4118.	1.4	4
53	Modification of the luminescence properties of an Europium(III) Tris( $\beta$ -diketonate) Complex by Inclusion in $\beta$ -cyclodextrin and 2,3,6-trimethyl- $\beta$ -cyclodextrin. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2006, 55, 329-333.	1.6	3
54	Diaquabis(ethylenediamine- $\beta$ -N $\alpha$ -copper(II) bis(4-phenylbenzoate) 2.66-hydrate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m626-m627.	0.2	3

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55	$\frac{1}{4}$ -Oxido-bis[chlorido(4,4-di-tert-butyl-2,2-bipyridine- $\text{N}^2$ )dioxidomolybdenum(VI)] 0.2-hydrate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1738-m1739.	0.2	3
56	Redetermination at 180 K of a layered lanthanide organic framework. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m294-m295.	0.2	3
57	5-[4-(Diethoxyphosphoryl)-2,3,5,6-tetrafluorophenyl]-10,15,20-tris(pentafluorophenyl)porphyrin. Acta Crystallographica Section C: Crystal Structure Communications, 2012, 68, o104-o107.	0.4	3
58	Powder X-ray diffraction structural characterization of the coordination complex cis-[Co( $\text{N}^2$ , $\text{N}^2$ -1,10-phenanthroline-5,6-dione)2Cl2]. Powder Diffraction, 2018, 33, 55-61.	0.4	3
59	The Hg(3,3-dimethyl-1H,1H-4,4-bipyrazolate) coordination polymer: Synthesis, crystal structure and thermal behavior. Inorganica Chimica Acta, 2018, 470, 423-427.	1.2	3
60	Tripyridiniumcis-tetrachlorodioxidomolybdate(VI) chloride. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m862-m863.	0.2	2
61	1,3-Dicyclohexylimidazolidine-2,4,5-trione. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3243-o3243.	0.2	2
62	1,3,5-Tris(bromomethyl)benzene. Acta Crystallographica Section C: Crystal Structure Communications, 2011, 67, o198-o200.	0.4	2
63	Tris(4,4-di-tert-butyl-2,2-bipyridine- $\text{N}^2$ )molybdenum(II) $\frac{1}{4}$ -oxido-dodeca- $\frac{1}{4}$ -oxido-hexaoxidohexamolybdate(VI) acetonitrile tetrasolvate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1828-m1829.	0.2	2
64	A Tetranuclear Silver Thiourea Cluster. Journal of Chemical Crystallography, 2015, 45, 410-418.	0.5	2
65	Crystal structure of 5-amino-4H-1,2,4-triazol-1-ium pyrazine-2-carboxylate: an unexpected salt arising from the decarboxylation of both precursors. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 840-843.	0.2	2
66	(2,2-Bipyridine- $\text{N}^2$ )chlorido(1,4,7-trithiacyclononane- $\text{S}^3$ )ruthenium(II) nitrate monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1575-m1575.	0.2	1
67	A 2:1 cocrystal of the cis and trans isomers of bis[1,1,1,5,5,5-hexafluoropentane-2,4-dionato(1 $\lambda^6$ )- $\text{P}^2$ ]bis(4-phenylpyridine- $\text{N}^2$ -oxide)- $\text{P}^2$ oxide. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1689-m1690.	0.2	1
68	Tetrapyridinium $\frac{1}{4}$ -oxido-di- $\frac{1}{4}$ -sulfato-bis[chloridodioxidomolybdate(VI)]. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1005-m1006.	0.2	1
69	Bis( $\frac{1}{4}$ -4-phenylpyridine- $\text{N}^2$ -oxide)- $\text{P}^2$ bis[bis(1,1,1,5,5,5-hexafluoropentane-2,4-dionato)copper(II)]. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m824-m825.	0.2	1
70	cis-Di- $\frac{1}{4}$ -oxido-bis[(N,N-diethyldithiocarbamato- $\text{S}^2$ )oxidomolybdenum(V)](Mo $\text{=}$ Mo) tetrahydrofuran monosolvate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m288-m289.	0.2	1
71	2-Amino-6-[(2,6-dichlorophenyl)imino]-3-oxocyclohexa-1,4-dienecarbaldehyde. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3022-o3023.	0.2	1
72	5,10,15,20-Tetrakis(1-methylpyridinium-4-yl)porphyrin tetraiodide tetrahydrate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3157-o3158.	0.2	1

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73	[(E)-1-(Naphthalen-2-yl)ethylidene](naphthalen-1-ylmethyl)amine. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3143-o3143.	0.2	1
74	Structural Elucidation of a Calcined Layered Lanthanide-Organic Framework Comprising an Unprecedented Organic Polymer. Journal of Chemical Crystallography, 2013, 43, 165-170.	0.5	1
75	(E)-3-[(Dimethylamino)methylidene]-4-phenyl-1H-1,5-benzodiazepin-2(3H)-one. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o126-o126.	0.2	1
76	Crystal structures of the water and acetone monosolvates of bis[4-(pyridin-4-yl)-2,2,6,6-tetrapyridine]manganese(II) bis(hexafluoridophosphate). Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 330-335.	0.2	1
77	(R)-(1-Ammoniopropyl)phosphonate. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o2823-o2824.	0.2	0
78	trans-Bis(4,7-diphenyl-1,10-phenanthroline- $\lambda^2$ N,N')bis(nitrato- $\lambda^2$ O,O')zinc(II). Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1608-m1609.	0.2	0
79	(2,2'-Bipyridine- $\lambda^2$ N,N')bromido(1,4,7-trithiacyclononane- $\lambda^3$ S,S',S'')ruthenium(II) hexafluoridophosphate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m263-m263.	0.2	0
80	1,1'-[(5-Hydroxymethyl-1,3-phenylene)bis(methylene)]dipyridin-4(1H)-one monohydrate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1859-o1860.	0.2	0
81	Propylammonium 4,4,4-trifluoro-1-(naphthalen-2-yl)butane-1,3-dionate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3384-o3385.	0.2	0
82	1,3-Dicyclohexylimidazolidine-2,4,5-trione: a second polymorph. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o3233-o3234.	0.2	0