

Fãtima Piedade

List of Publications by Year in descending order

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61
papers

1,556
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304368

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docs citations

65
times ranked

2237
citing authors

#	ARTICLE	IF	CITATIONS
1	N,N²-Ethylenebis(pyridoxylideneiminato) and N,N²-Ethylenebis(pyridoxylaminato): Synthesis, Characterization, Potentiometric, Spectroscopic, and DFT Studies of Their Vanadium(IV) and Vanadium(V) Complexes. <i>Chemistry - A European Journal</i> , 2004, 10, 2301-2317.	1.7	127
2	Vanadium(IV and V) Complexes of Schiff Bases and Reduced Schiff Bases Derived from the Reaction of Aromatico-Hydroxyaldehydes and Diamines: Synthesis, Characterisation and Solution Studies. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 732-744.	1.0	104
3	Electrochemical and X-ray studies of nickel(II) Schiff base complexes derived from salicylaldehyde. <i>Polyhedron</i> , 2000, 19, 655-664.	1.0	91
4	New forms of old drugs: improving without changing. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 830-846.	1.2	76
5	Cyclopentadienyl° Ruthenium(II) and Iron(II) Organometallic Compounds with Carbohydrate Derivative Ligands as Good Colorectal Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4339-4347.	2.9	76
6	Molecular modelling studies of N-salicylideneamino acidato complexes of oxovanadium(IV). Molecular and crystal structure of a new dinuclear LOVIV°O°VVO mixed valence complex. <i>Dalton Transactions RSC</i> , 2002, , 4407.	2.3	72
7	Inhibition of cancer cell growth by ruthenium(II) cyclopentadienyl derivative complexes with heteroaromatic ligands. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 354-361.	1.5	71
8	Decavanadates: a building-block for supramolecular assemblies. <i>Inorganica Chimica Acta</i> , 2003, 356, 222-242.	1.2	64
9	Synthesis and Characterization of New Organometallic Benzo[<i>b</i>]thiophene Derivatives with Potential Antitumor Properties. <i>Organometallics</i> , 2009, 28, 5412-5423.	1.1	59
10	Polymorphic gabapentin: thermal behaviour, reactivity and interconversion of forms in solution and solid-state. <i>New Journal of Chemistry</i> , 2008, 32, 1788.	1.4	47
11	Cationic benzyl nickel complexes as homogeneous catalysts for styrene oligomerization. X-ray crystal structure of [Ni(<i>i</i> -3-CH ₂ C ₆ H ₅)(PPh ₃) ₂]PF ₆ ° CH ₂ Cl ₂ . <i>Polyhedron</i> , 1989, 8, 2449-2457.	1.0	45
12	Experimental and Molecular Dynamics Simulation Study of the Sublimation and Vaporization Energetics of Iron Metallocenes. Crystal Structures of Fe(<i>i</i> -sup>5</sup>-C₅H₄CH₃)₂ and		

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19	Revisiting paracetamol in a quest for new co-crystals. <i>CrystEngComm</i> , 2012, 14, 5005.	1.3	25
20	High first hyperpolarizability and perfectly aligned crystal packing for an organometallic compound [Fe(η -5-C ₅ H ₅)(R) η -PROPHOS)(p-NCC ₆ H ₄ NO ₂)] [PF ₆] \cdot CH ₂ Cl ₂ . <i>Chemical Physics Letters</i> , 2003, 367, 390-397.	1.2	24
21	New organometallic Ru(II) and Fe(II) complexes with tetrathia-[7]-helicene derivative ligands. <i>Polyhedron</i> , 2009, 28, 621-629.	1.0	24
22	New $(\eta$ -5-C ₅ H ₅ -C ₅ H ₅)Ru(N η -N)(PPh ₃) ₃] [PF ₆] ₆] compounds: colon anticancer activity and GLUT-mediated cellular uptake of carbohydrate-appended complexes. <i>Dalton Transactions</i> , 2016, 45, 11926-11930.	1.6	23
23	New Multicomponent Sulfadimethoxine Crystal Forms: Sulfonamides as Participants in Supramolecular Interactions. <i>Crystal Growth and Design</i> , 2016, 16, 1879-1892.	1.4	23
24	Construction of a branched chain at C-3 of a hexopyranoside. Synthesis of miharamycin sugar moiety analogs. <i>Carbohydrate Research</i> , 2000, 325, 1-15.	1.1	22
25	Energetics and Structure of Hydroxynicotinic Acids. Crystal Structures of 2-, 4-, 6-Hydroxynicotinic and 5-Chloro-6-hydroxynicotinic Acids. <i>Journal of Physical Chemistry B</i> , 2009, 113, 14291-14309.	1.2	21
26	Synthesis of Tetrahydronaphthalene Lignan Esters by Intramolecular Cyclization of Ethyl <i>p</i> -Azidophenyl-2-phenylalkanoates and Evaluation of the Growth Inhibition of Human Tumor Cell Lines. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 3175-3187.	2.9	21
27	Synthesis and structural characterization of ruthenium(II) and iron(II) complexes containing 1,2-di-(2-thienyl)-ethene derived ligands as chromophores. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 433-445.	0.8	18
28	Thermochemistry of 1,1,3,3-tetramethylguanidine and 1,1,3,3-tetramethylguanidinium nitrate. <i>Journal of Chemical Thermodynamics</i> , 2014, 77, 179-189.	1.0	17
29	Polymorphism in Simvastatin: Twinning, Disorder, and Enantiotropic Phase Transitions. <i>Molecular Pharmaceutics</i> , 2018, 15, 5349-5360.	2.3	17
30	Synthesis, Characterisation and Molecular Hyperpolarisabilities of Pseudo-Octahedral Hydrido(nitrile)iron(II) Complexes for Nonlinear Optics: X-ray Structure of [Fe(H)(dppe) ₂ (4-NCC ₆ H ₄ NO ₂)] [PF ₆] \cdot CH ₂ Cl ₂ . <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2175-2185.	1.0	16
31	Synthesis, structural characterization and leishmanicidal activity evaluation of ferrocenyl N-heterocyclic compounds. <i>Journal of Organometallic Chemistry</i> , 2013, 745-746, 299-311.	0.8	16
32	An enzymatic route to a benzocarbazole framework using bacterial CotA laccase. <i>Green Chemistry</i> , 2015, 17, 1429-1433.	4.6	16
33	Synthesis of organometallic Ru(II) and Fe(II) complexes containing fused rings hemi-helical ligands as chromophores. Evaluation of non-linear optical properties by HRS. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2987-2999.	0.8	13
34	Structure and Energetics of a New Hydrate of 4 η ² -Hydroxyacetophenone. <i>Crystal Growth and Design</i> , 2010, 10, 3070-3076.	1.4	12
35	Synthesis of new donor/acceptor η -5-cyclopentadienyl and η -5-indenyliron(II) complexes with <i>p</i> -benzonitrile derivatives. Crystal structures of [Fe(η -5-C ₅ H ₅)(CO)(P(OC ₆ H ₅) ₃)(p-NCC ₆ H ₄ NO ₂)] [BF ₄] \cdot CH ₂ Cl ₂ and [Fe(η -5-C ₉ H ₇)(CO)(P(OC ₆ H ₅) ₃)(p-NCC ₆ H ₄ NO ₂)] [BF ₄]. <i>Journal of Organometallic Chemistry</i> , 2001, 632, 145-156.	0.8	11
36	Kinetics and Mechanism of the Thermal Dehydration of a Robust and Yet Metastable Hemihydrate of 4-Hydroxynicotinic Acid. <i>Crystal Growth and Design</i> , 2015, 15, 3511-3524.	1.4	11

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37	Tautomer selection through solvate formation: the case of 5-hydroxynicotinic acid. <i>CrystEngComm</i> , 2019, 21, 2220-2233.	1.3	11
38	pH-Switchability and Second-Order Nonlinear Optical Properties of Monocyclopentadienylruthenium(II)/iron(II) Tetrazoles/Tetrazolates: Synthesis, Characterization, and Time-Dependent Density Functional Theory Calculations. <i>Inorganic Chemistry</i> , 2017, 56, 6849-6863.	1.9	10
39	Studies on molybdenocene derivatives: Reactions of [Cp ₂ Mo(̂-2-NCMe)] and preparation of alkyl hydride complexes. Crystal structure of [Cp ₂ Mo(PMe ₃)]. <i>Journal of Organometallic Chemistry</i> , 1993, 445, 125-131.	0.8	9
40	Isoprenoid compounds from <i>Euphorbia portlandica</i> . X-ray structure of lupeportlandol, a new lupane triterpene. <i>Journal of the Brazilian Chemical Society</i> , 2004, 15, 742-747.	0.6	9
41	Energetics of the Thermal Dimerization of Acenaphthylene to Heptacyclene. <i>Journal of Physical Chemistry A</i> , 2006, 110, 2299-2307.	1.1	9
42	Novel ̂ruthenium cyclopentadienyl ̂ peptide conjugate complexes against human FGFR(+) breast cancer. <i>Dalton Transactions</i> , 2020, 49, 5974-5987.	1.6	9
43	Reaction of [Mn(CH ₃ -̂-5-C ₅ H ₄)(CO) ₂ PPh ₃] with iodine. Crystal structure of diiodobis(triphenylphosphineoxide)manganese(II). <i>Journal of Organometallic Chemistry</i> , 1990, 388, 143-149.	0.8	8
44	Electrochemistry and bonding in biscyclopentadienyl complexes of molybdenum, tungsten, and niobium with o-phenanthroline and bipyridine. <i>Crystal an. Journal of Organometallic Chemistry</i> , 1992, 426, 195-212.	0.8	8
45	A Robust yet Metastable New Hemihydrate of 4-Hydroxynicotinic Acid. <i>Crystal Growth and Design</i> , 2011, 11, 2803-2810.	1.4	8
46	Structural and energetic characterization of anhydrous and hemihydrated 2-mercaptoimidazole: Calorimetric, X-ray diffraction, and computational studies. <i>Journal of Chemical Thermodynamics</i> , 2016, 95, 35-48.	1.0	8
47	Thermal Behavior and Slow Relaxation Dynamics in Amorphous Efavirenz: A Study by DSC, XRPD, TSDC, and DRS. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 1254-1263.	1.6	8
48	New studies on the chemical oxidation of (biŝ-5-cyclopentadienyl)dithiolatemoledmolybdenum(IV) complexes. <i>Journal of Organometallic Chemistry</i> , 2001, 632, 107-112.	0.8	7
49	Sugar bislactones by one-step oxidative dimerisation with pyridinium chlorochromate versus regioselective oxidation of vicinal diols. <i>Carbohydrate Research</i> , 2004, 339, 1889-1897.	1.1	7
50	An ester derivative of the drug gabapentin: pH dependent crystal stability. <i>Journal of Molecular Structure</i> , 2010, 973, 173-179.	1.8	7
51	The Absolute and Relative Configuration of the Molluscicides Ethuliacoumarin A and Isoethuliacoumarin A.. <i>Acta Chemica Scandinavica</i> , 1992, 46, 750-756.	0.7	7
52	A force field for MD simulations on rhenium organometallic compounds developed from enthalpy of sublimation and X-ray diffraction measurements. <i>Journal of Chemical Thermodynamics</i> , 2019, 133, 60-69.	1.0	5
53	A supramolecular zigzag chain of organometallic dipoles mediated by PF ₆ ⁻ anions. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, m386-m389.	0.4	4
54	A new polymorph of 4̂-hydroxyvalerophenone revealed by thermoanalytical and X-ray diffraction studies. <i>European Physical Journal: Special Topics</i> , 2017, 226, 849-855.	1.2	4

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55	Synthesis and structural characterization of silver(I) complexes with moon-shaped benzo[1,2-b;4,3-b ²]dithiophene phosphine derivative ligands. <i>Polyhedron</i> , 2009, 28, 239-244.	1.0	3
56	Effect of C ⁺ H ⁺ X interactions (X = O, S, I ⁻) in the supramolecular arrangements of 3-ferrocenyl-methoxybenzo[b]thiophene isomers. <i>CrystEngComm</i> , 2011, 13, 1638-1645.	1.3	3
57	Evaluation of intermolecular interactions in thioxanthone derivatives: substituent effect on crystal diversity. <i>CrystEngComm</i> , 2011, 13, 2604.	1.3	3
58	Synthesis and structural characterization of new piano-stool ruthenium(II) complexes bearing 1-butylimidazole heteroaromatic ligand. <i>Journal of Organometallic Chemistry</i> , 2012, 713, 112-122.	0.8	3
59	Improvement of Glycaemia and Endothelial Function by a New Low-Dose Curcuminoid in an Animal Model of Type 2 Diabetes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5652.	1.8	3
60	Synthesis of Triazole ⁺ -Containing Furanosyl Nucleoside Analogues and Their Phosphate, Phosphoramidate or Phosphonate Derivatives as Potential Sugar Diphosphate or Nucleotide Mimetics. <i>ChemPlusChem</i> , 2020, 85, 1676-1691.	1.3	2
61	The effect of counter-ions on the supramolecular arrangement of (benzonitrile)[1,2-bis(diphenylphosphino)ethane](η -5-cyclopentadienyl)iron(II) cations. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, m531-m534.	0.4	0