

Fãtima Piedade

List of Publications by Year in descending order

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61
papers

1,556
citations

304743

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65
docs citations

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times ranked

2237
citing authors

#	ARTICLE	IF	CITATIONS
1	N,Nâ€²-Ethylenebis(pyridoxylideneiminato) andN,Nâ€²-Ethylenebis(pyridoxylaminato): Synthesis, Characterization, Potentiometric, Spectroscopic, and DFT Studies of Their Vanadium(IV) and Vanadium(V) Complexes. Chemistry - A European Journal, 2004, 10, 2301-2317.	3.3	127
2	Vanadium(IV andV) Complexes of Schiff Bases and Reduced Schiff Bases Derived from the Reaction of Aromatico-Hydroxyaldehydes and Diamines: Synthesis, Characterisation and Solution Studies. European Journal of Inorganic Chemistry, 2005, 2005, 732-744.	2.0	104
3	Electrochemical and X-ray studies of nickel(II) Schiff base complexes derived from salicylaldehyde. Polyhedron, 2000, 19, 655-664.	2.2	91
4	New forms of old drugs: improving without changing. Journal of Pharmacy and Pharmacology, 2015, 67, 830-846.	2.4	76
5	Cyclopentadienylâ€“Ruthenium(II) and Iron(II) Organometallic Compounds with Carbohydrate Derivative Ligands as Good Colorectal Anticancer Agents. Journal of Medicinal Chemistry, 2015, 58, 4339-4347.	6.4	76
6	Molecular modelling studies of N-salicylideneamino acidato complexes of oxovanadium(iv). Molecular and crystal structure of a new dinuclear LOVIVâ€“Oâ€“VVOL mixed valence complex. Dalton Transactions RSC, 2002, , 4407.	2.3	72
7	Inhibition of cancer cell growth by ruthenium(II) cyclopentadienyl derivative complexes with heteroaromatic ligands. Journal of Inorganic Biochemistry, 2009, 103, 354-361.	3.5	71
8	Decavanadates: a building-block for supramolecular assemblies. Inorganica Chimica Acta, 2003, 356, 222-242.	2.4	64
9	Synthesis and Characterization of New Organometallic Benzo[<i>b</i>]thiophene Derivatives with Potential Antitumor Properties. Organometallics, 2009, 28, 5412-5423.	2.3	59
10	Polymorphic gabapentin: thermal behaviour, reactivity and interconversion of forms in solution and solid-state. New Journal of Chemistry, 2008, 32, 1788.	2.8	47
11	Cationic benzyl nickel complexes as homogeneous catalysts for styrene oligomerization. X-ray crystal structure of [Ni(Î-3-CH ₂ C ₆ H ₅)(PPh ₃) ₂]PF ₆ Â· CH ₂ Cl ₂ . Polyhedron, 1989, 8, 2449-2457.	2.2	45
12	Experimental and Molecular Dynamics Simulation Study of the Sublimation and Vaporization Energetics of Iron Metallocenes. Crystal Structures of Fe(Î- ⁵ -C ₅ H ₄ CH ₃) ₂ and		

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19	Revisiting paracetamol in a quest for new co-crystals. CrystEngComm, 2012, 14, 5005.	2.6	25
20	High first hyperpolarizability and perfectly aligned crystal packing for an organometallic compound [Fe(η -5-C ₅ H ₅)(R) π -PROPHOS)(p-NCC ₆ H ₄ NO ₂)] [PF ₆] \cdot CH ₂ Cl ₂ . Chemical Physics Letters, 2003, 367, 390-397.	2.6	24
21	New organometallic Ru(II) and Fe(II) complexes with tetrathia-[7]-helicene derivative ligands. Polyhedron, 2009, 28, 621-629.	2.2	24
22	New [η -5-C ₅ H ₅] π -C ₅ H ₅ Ru(π -N)(PPh ₃) ₃][PF ₆] ₆ compounds: colon anticancer activity and GLUT-mediated cellular uptake of carbohydrate-appended complexes. Dalton Transactions, 2016, 45, 11926-11930.	3.3	23
23	New Multicomponent Sulfadimethoxine Crystal Forms: Sulfonamides as Participants in Supramolecular Interactions. Crystal Growth and Design, 2016, 16, 1879-1892.	3.0	23
24	Construction of a branched chain at C-3 of a hexopyranoside. Synthesis of miharamycin sugar moiety analogs. Carbohydrate Research, 2000, 325, 1-15.	2.3	22
25	Energetics and Structure of Hydroxynicotinic Acids. Crystal Structures of 2-, 4-, 6-Hydroxynicotinic and 5-Chloro-6-hydroxynicotinic Acids. Journal of Physical Chemistry B, 2009, 113, 14291-14309.	2.6	21
26	Synthesis of Tetrahydronaphthalene Lignan Esters by Intramolecular Cyclization of Ethyl π -Azidophenyl-2-phenylalkanoates and Evaluation of the Growth Inhibition of Human Tumor Cell Lines. Journal of Medicinal Chemistry, 2011, 54, 3175-3187.	6.4	21
27	Synthesis and structural characterization of ruthenium(II) and iron(II) complexes containing 1,2-di-(2-thienyl)-ethene derived ligands as chromophores. Journal of Organometallic Chemistry, 2009, 694, 433-445.	1.8	18
28	Thermochemistry of 1,1,3,3-tetramethylguanidine and 1,1,3,3-tetramethylguanidinium nitrate. Journal of Chemical Thermodynamics, 2014, 77, 179-189.	2.0	17
29	Polymorphism in Simvastatin: Twinning, Disorder, and Enantiotropic Phase Transitions. Molecular Pharmaceutics, 2018, 15, 5349-5360.	4.6	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 . European Journal of Inorganic Chemistry, 2006, 2006, 2175-2185.	2.0	16
31	Synthesis, structural characterization and leishmanicidal activity evaluation of ferrocenyl N-heterocyclic compounds. Journal of Organometallic Chemistry, 2013, 745-746, 299-311.	1.8	16
32	An enzymatic route to a benzocarbazole framework using bacterial CotA laccase. Green Chemistry, 2015, 17, 1429-1433.	9.0	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. Journal of Organometallic Chemistry, 2008, 693, 2987-2999.	1.8	13
34	Structure and Energetics of a New Hydrate of 4-Hydroxyacetophenone. Crystal Growth and Design, 2010, 10, 3070-3076.	3.0	12
35	Synthesis of new donor/acceptor η -5-cyclopentadienyl and η -5-indenyliron(II) complexes with p-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]. Journal of Organometallic Chemistry, 2001, 632, 145-156.	1.8	11
36	Kinetics and Mechanism of the Thermal Dehydration of a Robust and Yet Metastable Hemihydrate of 4-Hydroxynicotinic Acid. Crystal Growth and Design, 2015, 15, 3511-3524.	3.0	11

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37	Tautomer selection through solvate formation: the case of 5-hydroxynicotinic acid. CrystEngComm, 2019, 21, 2220-2233.	2.6	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. Inorganic Chemistry, 2017, 56, 6849-6863.	4.0	10
39	Studies on molybdenocene derivatives: Reactions of [Cp ₂ Mo(Î²-NCMe)] and preparation of alkyl hydride complexes. Crystal structure of [Cp ₂ Mo(PMe ₃)]. Journal of Organometallic Chemistry, 1993, 445, 125-131.	1.8	9
40	Isoprenoid compounds from Euphorbia portlandica. X-ray structure of lupeortlandol, a new lupane triterpene. Journal of the Brazilian Chemical Society, 2004, 15, 742-747.	0.6	9
41	Energetics of the Thermal Dimerization of Acenaphthylene to Heptacyclene. Journal of Physical Chemistry A, 2006, 110, 2299-2307.	2.5	9
42	Novel Î²-iruthenium cyclopentadienyl-Î²-peptide conjugate complexes against human FGFR(+) breast cancer. Dalton Transactions, 2020, 49, 5974-5987.	3.3	9
43	Reaction of [Mn(CH ₃ -Î²-5-C ₅ H ₄)(CO) ₂ PPh ₃] with iodine. Crystal structure of diiodobis(triphenylphosphineoxide)manganese(II). Journal of Organometallic Chemistry, 1990, 388, 143-149.	1.8	8
44	Electrochemistry and bonding in biscyclopentadienyl complexes of molybdenum, tungsten, and niobium with o-phenanthroline and bipyridine. Crystal an. Journal of Organometallic Chemistry, 1992, 426, 195-212.	1.8	8
45	A Robust yet Metastable New Hemihydrate of 4-Hydroxynicotinic Acid. Crystal Growth and Design, 2011, 11, 2803-2810.	3.0	8
46	Structural and energetic characterization of anhydrous and hemihydrated 2-mercaptoimidazole: Calorimetric, X-ray diffraction, and computational studies. Journal of Chemical Thermodynamics, 2016, 95, 35-48.	2.0	8
47	Thermal Behavior and Slow Relaxation Dynamics in Amorphous Efavirenz: A Study by DSC, XRPD, TSDC, and DRS. Journal of Pharmaceutical Sciences, 2019, 108, 1254-1263.	3.3	8
48	New studies on the chemical oxidation of (bisÎ²-5-cyclopentadienyl)dithiolatemoledbdenum(IV) complexes. 2001, 632, 107-112.	1.8	7
49	Sugar bislactones by one-step oxidative dimerisation with pyridinium chlorochromate versus regioselective oxidation of vicinal diols. Carbohydrate Research, 2004, 339, 1889-1897.	2.3	7
50	An ester derivative of the drug gabapentin: pH dependent crystal stability. Journal of Molecular Structure, 2010, 973, 173-179.	3.6	7
51	The Absolute and Relative Configuration of the Molluscicides Ethuliacoumarin A and Isoethuliacoumarin A.. Acta Chemica Scandinavica, 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. Journal of Chemical Thermodynamics, 2019, 133, 60-69.	2.0	5
53	A supramolecular zigzag chain of organometallic dipoles mediated by PF ₆ ⁻ anions. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, m386-m389.	0.4	4
54	A new polymorph of 4Î²-hydroxyvalerophenone revealed by thermoanalytical and X-ray diffraction studies. European Physical Journal: Special Topics, 2017, 226, 849-855.	2.6	4

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55	Synthesis and structural characterization of silver(I) complexes with moon-shaped benzo[1,2-b;4,3-b']dithiophene phosphine derivative ligands. <i>Polyhedron</i> , 2009, 28, 239-244.	2.2	3
56	Effect of C \cdots H \cdots X interactions (X = O, S, I \cdots) in the supramolecular arrangements of 3-ferrocenyl-methoxybenzo[b]thiophene isomers. <i>CrystEngComm</i> , 2011, 13, 1638-1645.	2.6	3
57	Evaluation of intermolecular interactions in thioxanthone derivatives: substituent effect on crystal diversity. <i>CrystEngComm</i> , 2011, 13, 2604.	2.6	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.	1.8	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.	4.1	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.	2.8	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