

Mario Amati

List of Publications by Year in descending order

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26
papers

796
citations

623574

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26
docs citations

26
times ranked

1232
citing authors

#	ARTICLE	IF	CITATIONS
1	Halogen bonding in metal-organic supramolecular networks. <i>Coordination Chemistry Reviews</i> , 2010, 254, 677-695.	9.5	332
2	Luminescent Compounds fac- and mer-Aluminum Tris(quinolin-8-olate). A Pure and Hybrid Density Functional Theory and Time-Dependent Density Functional Theory Investigation of Their Electronic and Spectroscopic Properties. <i>Journal of Physical Chemistry A</i> , 2003, 107, 2560-2569.	1.1	67
3	Spectroscopy and electrochemical properties of a homologous series of acetylacetonato and hexafluoroacetylacetonato cyclopalladated and cycloplatinated complexes. <i>Dalton Transactions</i> , 2008, , 4303.	1.6	57
4	Investigations on the electronic effects of the peripheral 4 ⁺ -group on 5-(4 ⁺ -substituted)phenylazo-8-hydroxyquinoline ligands: zinc and aluminium complexes. <i>Dalton Transactions</i> , 2004, , 2424-2431.	1.6	36
5	Linkage Isomerism in Silver Acylpyrazolonato Complexes and Correlation with Their Antibacterial Activity. <i>Inorganic Chemistry</i> , 2016, 55, 5453-5466.	1.9	33
6	8-Hydroxyquinoline Monomer, Water Adducts, and Dimer. Environmental Influences on Structure, Spectroscopic Properties, and Relative Stability of <i>cis</i> and <i>trans</i> Conformers. <i>Journal of Physical Chemistry A</i> , 2007, 111, 13403-13414.	1.1	32
7	Hybrid iodoperfluoroalkane-ferrocene supramolecular arrays: the shortest contacts iodine forms with nitrogen atoms and unsaturated moieties. <i>Journal of Fluorine Chemistry</i> , 2004, 125, 629-640.	0.9	29
8	Liaisons between photoconductivity and molecular frame in organometallic Pd(ii) and Pt(ii) complexes. <i>Journal of Materials Chemistry</i> , 2011, 21, 13434.	6.7	27
9	Organometallic red-emitting chromophores: a computational and experimental study on cyclometallated Nile Red complexes of palladium(ii) and platinum(ii) acetylacetonates and hexafluoroacetylacetonates. <i>Dalton Transactions</i> , 2008, , 6563.	1.6	25
10	Blue emitting pentacoordinated Al(iii) complexes based on 2-methylquinolin-8-olate and substituted phenolate ligands. The role of phenolate derivatives on emission and absorption properties. <i>Dalton Transactions</i> , 2006, , 330-339.	1.6	19
11	Non-symmetrical aryl- and arylolefinyl-substituted thioalkyl-porphyrazines for optoelectronic materials: synthesis, properties, and computational studies. <i>Dalton Transactions</i> , 2015, 44, 2191-2207.	1.6	19
12	Synthesis of Heteroaryl Imines: A Theoretical and Experimental Approach to the Determination of the Configuration of CN Double Bond. <i>Journal of Organic Chemistry</i> , 2006, 71, 7165-7179.	1.7	18
13	Cyclometalated Pt(iv) trans-diiodo adducts: experimental and computational studies within an homologous series of compounds. <i>Dalton Transactions</i> , 2011, 40, 5259.	1.6	17
14	Two-electron reduction of alkyl(sulfanyl)porphyrazines: a route to free-base and peripherally metallated asymmetric porphyrazines. <i>Dalton Transactions</i> , 2004, , 305-312.	1.6	15
15	Experimental and computational evidence of the intermolecular motifs in the crystal packing of luminescent pentacoordinated gallium(iii) complexes. <i>Dalton Transactions</i> , 2006, , 5124.	1.6	13
16	Very intense polarized emission in self-assembled room temperature metallomesogens based on Zn(η^2) coordination complexes: an experimental and computational study. <i>Journal of Materials Chemistry C</i> , 2021, 10, 115-125.	2.7	11
17	Competition between Bailar and Ray-Dutt paths in conformational interconversion of tris-chelated complexes: a DFT study. <i>Theoretical Chemistry Accounts</i> , 2008, 120, 447-457.	0.5	10
18	Columnar Discotic Mesophases from Novel Non-symmetrically Substituted (Octylsulfanyl) Porphyrazines. <i>Molecular Crystals and Liquid Crystals</i> , 2008, 481, 56-72.	0.4	10

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19	Bis(cyclopentadienyl)dihydrido Mo and W complexes as Lewis bases " A computational study about their adducts with BX ₃ (X = F, Cl) and Al(CH ₃) ₃ . Canadian Journal of Chemistry, 2009, 87, 1406-1414.	0.6	9
20	Tandem Photoarylation"Photoisomerization of Halothiazoles: Synthesis, Photophysical and Singlet Oxygen Activation Properties of Ethyl 2-Arylthiazole-5-carboxylates. European Journal of Organic Chemistry, 2010, 2010, 3416-3427.	1.2	5
21	Fluorine Interactions in the 3D Packing of "Pt(IV)"-Organometallic Molecular Materials: Structural and Computational Approaches. Crystal Growth and Design, 2017, 17, 409-413.	1.4	4
22	Effects of methyl groups in a pyrimidine-based flexible ligand on the formation of silver(I) coordination networks. New Journal of Chemistry, 2018, 42, 13998-14008.	1.4	3
23	Photoconductive Properties and Electronic Structure in 3,5-Disubstituted 2-(2-Pyridyl)Pyrroles Coordinated to a Pd(II) Salicylideneimine Synthon. Inorganic Chemistry, 2021, 60, 9287-9301.	1.9	2
24	Design and structural bioinformatic analysis of polypeptide antigens useful for the SRLV serodiagnosis. Journal of Virological Methods, 2021, 297, 114266.	1.0	2
25	Electronic Properties, Spectroscopic Properties and Monomolecular Isomerization Processes of Prototype OLED Compound Aluminum Tris(Quinolin-8-Olate) Facial and Meridional Isomers. , 2003, , 321-341.		1
26	An Interplay Between Infrared Multiphoton Dissociation Fourier-Transform Ion Cyclotron Resonance Mass Spectrometry and Density Functional Theory Computations in the Characterization of a Tripodal Quinolin-8-Olate Gd(III) Complex. Journal of the American Society for Mass Spectrometry, 2013, 24, 589-601.	1.2	0