

Alexios Grigoropoulos

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3884052/publications.pdf>

Version: 2024-02-01

25
papers

565
citations

759233

12
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

1085
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin-Relaxation Properties of a High-Spin Mononuclear Mn ^{III} O ₆ -Containing Complex. <i>Inorganic Chemistry</i> , 2013, 52, 12869-12871.	4.0	81
2	Catalytic Response and Stability of Nickel/Alumina for the Hydrogenation of 5-Hydroxymethylfurfural in Water. <i>ChemSusChem</i> , 2016, 9, 521-531.	6.8	72
3	Selective conversion of 5-hydroxymethylfurfural to cyclopentanone derivatives over Cu ^{II} Al ₂ O ₃ and Co ^{II} Al ₂ O ₃ catalysts in water. <i>Green Chemistry</i> , 2017, 19, 1701-1713.	9.0	72
4	Encapsulation of an organometallic cationic catalyst by direct exchange into an anionic MOF. <i>Chemical Science</i> , 2016, 7, 2037-2050.	7.4	57
5	Encapsulation of Crabtree's Catalyst in Sulfonated MIL-101(Cr): Enhancement of Stability and Selectivity between Competing Reaction Pathways by the MOF Chemical Microenvironment. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 4532-4537.	13.8	52
6	Tetrahedral and Square Planar Ni[(SPR) ₂ N] ₂ complexes, R = Ph & ⁱ Pr Revisited: Experimental and Theoretical Analysis of Interconversion Pathways, Structural Preferences, and Spin Delocalization. <i>Inorganic Chemistry</i> , 2010, 49, 5079-5093.	4.0	46
7	Structural, spectroscopic and magnetic properties of M[R ₂ P(E)NP(E)R ₂] ₂ complexes, M = Co, Mn, E = S, Se and R, R' = Ph or ⁱ Pr. Covalency of M-S bonds from experimental data and theoretical calculations. <i>Dalton Transactions</i> , 2006, , 2301-2315.	3.3	35
8	Selective conversion of 5-hydroxymethylfurfural to diketone derivatives over Beta zeolite-supported Pd catalysts in water. <i>Journal of Catalysis</i> , 2019, 375, 224-233.	6.2	31
9	Synthesis and characterization of new RhI complexes bearing CO, PPh ₃ and chelating P,O- or Se,Se-ligands: Application to hydroformylation of styrene. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 4129-4138.	1.8	19
10	Electron and Spin Density Topology of the H-cluster and Its Biomimetic Complexes. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2677-2690.	2.0	14
11	Multi-edge X-ray Absorption Spectroscopy. 1. X-ray Absorption near-Edge Structure Analysis of a Biomimetic Model of FeFe-Hydrogenase. <i>Journal of Physical Chemistry A</i> , 2012, 116, 12280-12298.	2.5	13
12	Statistical copolymers of norbornene and 5-vinyl-2-norbornene by a ditungsten complex mediated ring-opening metathesis Polymerization: Synthesis, thermal properties, and kinetics of thermal decomposition. <i>Journal of Polymer Science Part A</i> , 2013, 51, 4835-4844.	2.3	12
13	Coordination of ⁱ Pr ₂ P(O)NHP(O) ⁱ Pr ₂ to Co(II): Simultaneous formation of octahedral and tetrahedral complexes. <i>Inorganic Chemistry Communication</i> , 2013, 30, 34-38.	3.9	9
14	Field-induced slow relaxation of magnetization in the <i>S</i> = 3/2 octahedral complexes <i>trans</i> -[Co{(OPPh) ₂ (EPPH) ₂ (dmf) ₂ }] ₂ , E = S, Se: effects of Co-Se vs. Co-S coordination. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 1405-1414.	6.0	9
15	Synthesis of Chalcogenidoimidodiphosphinato ^{Rh} Complexes and DFT Investigation of Their Catalytic Activation in Olefin Hydroformylation. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1170-1183.	2.0	8
16	Encapsulation of Crabtree's Catalyst in Sulfonated MIL-101(Cr): Enhancement of Stability and Selectivity between Competing Reaction Pathways by the MOF Chemical Microenvironment. <i>Angewandte Chemie</i> , 2018, 130, 4622-4627.	2.0	7
17	Metathesis Polymerization Reactions Induced by the Bimetallic Complex (Ph ₄ P) ₂ [W ₂ (¹ / ₄ -Br) ₃ Br ₆]. <i>Polymers</i> , 2015, 7, 2611-2624.	4.5	6
18	Evaluation of biosynthetic pathways for the unique dithiolate ligand of the FeFe hydrogenase H-cluster. <i>Journal of Biological Inorganic Chemistry</i> , 2010, 15, 1177-1182.	2.6	5

#	ARTICLE	IF	CITATIONS
19	Visible-Light Active Sulfur-Doped Titania Nanoparticles Immobilized on a Silica Matrix: Synthesis, Characterization and Photocatalytic Degradation of Pollutants. <i>Nanomaterials</i> , 2021, 11, 2543.	4.1	4
20	<i>In silico</i> evaluation of proposed biosynthetic pathways for the unique dithiolate ligand of the H ₂ cluster of [FeFe]-hydrogenase. <i>Journal of Computational Chemistry</i> , 2011, 32, 3194-3206.	3.3	3
21	Magnetic Properties and Electronic Structure of the <i>S</i> = 2 Complex [Mn ^{III} {(OPPh) ₂ N ₃ } ₃] Showing Field-Induced Slow Magnetization Relaxation. <i>Inorganic Chemistry</i> , 2020, 59, 13281-13294.	4.0	3
22	High-throughput discovery of Hf promotion on the stabilisation of hcp Co and Fischer-Tropsch activity. <i>Journal of Catalysis</i> , 2021, 396, 315-323.	6.2	3
23	Electronic Structure of Tetrahedral, <i>S</i> = 2, [Fe{(EP) ₂ Pr ₂ N ₂ } ₂], E = S, Se, Complexes: Investigation by High-Frequency and -Field Electron Paramagnetic Resonance, ⁵⁷ Fe Mössbauer Spectroscopy, and Quantum Chemical Studies. <i>Inorganic Chemistry</i> , 2021, 60, 10990-11005.	4.0	3
24	Immobilisation of Homogeneous Catalysts in Metal-Organic Frameworks: Methods and Selected Examples. , 2017, , 123-158.		1
25	Structural and catalytic properties of the [Ni(BIPHEP)X ₂] complexes, BIPHEP = 2,2-diphenylphosphino-1,1-biphenyl; X = Cl, Br. <i>Inorganica Chimica Acta</i> , 2021, 522, 120300.	2.4	0