Alexios Grigoropoulos

List of Publications by Year
in descending order

25	565	759233 12	642732 23
papers	citations	h-index	g-index

25	25	25	1085
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High-throughput discovery of Hf promotion on the stabilisation of hcp Co and Fischer-Tropsch activity. Journal of Catalysis, 2021, 396, 315-323.	6.2	3
2	Electronic Structure of Tetrahedral,S= 2, [Fe{(EPⁱPr₂)₂N}₂], E = S, Se, Complexes: Investigation by High-Frequency and -Field Electron Paramagnetic Resonance,⁵⁷Fe MÃ¶ssbauer Spectroscopy, and Quantum Chemical Studies. Inorganic Chemistry, 2021, 60, 10990-11005.	4.0	3
3	Structural and catalytic properties of the [Ni(BIPHEP)X2] complexes, BIPHEPÂ=Â2,2-diphenylphosphino-1,1-biphenyl; XÂ=ÂCl, Br. Inorganica Chimica Acta, 2021, 522, 120300.	2.4	0
4	Visible-Light Active Sulfur-Doped Titania Nanoparticles Immobilized on a Silica Matrix: Synthesis, Characterization and Photocatalytic Degradation of Pollutants. Nanomaterials, 2021, 11, 2543.	4.1	4
5	Magnetic Properties and Electronic Structure of the S = 2 Complex [Mn^{III}{(OPPh₂)₂N}₃] Showing Field-Induced Slow Magnetization Relaxation. Inorganic Chemistry, 2020, 59, 13281-13294.	4.0	3
6	Selective conversion of 5-hydroxymethylfurfural to diketone derivatives over Beta zeolite-supported Pd catalysts in water. Journal of Catalysis, 2019, 375, 224-233.	6.2	31
7	Field-induced slow relaxation of magnetization in the S = 3/2 octahedral complexes trans-[Co{(OPPh₂)(EPPh₂)N}₂(dmf)₂], E = S, Se: effects of Coâ€“Se vs. Coâ€“S coordination. Inorganic Chemistry Frontiers, 2019, 6, 1405-1414.	6.0	9
8	Encapsulation of Crabtree's Catalyst in Sulfonated MIL-101(Cr): Enhancement of Stability and Selectivity between Competing Reaction Pathways by the MOF Chemical Microenvironment. Angewandte Chemie, 2018, 130, 4622-4627.	2.0	7
9	Encapsulation of Crabtree's Catalyst in Sulfonated MILâ€101(Cr): Enhancement of Stability and Selectivity between Competing Reaction Pathways by the MOF Chemical Microenvironment. Angewandte Chemie - International Edition, 2018, 57, 4532-4537.	13.8	52
10	Selective conversion of 5-hydroxymethylfurfural to cyclopentanone derivatives over Cuâ€“Al₂O₃ and Coâ€“Al₂O₃ catalysts in water. Green Chemistry, 2017, 19, 1701-1713.	9.0	72
11	Immobilisation of Homogeneous Catalysts in Metal-Organic Frameworks: Methods and Selected Examples. , 2017, , 123-158.		1
12	Catalytic Response and Stability of Nickel/Alumina for the Hydrogenation of 5â€Hydroxymethylfurfural in Water. ChemSusChem, 2016, 9, 521-531.	6.8	72
13	Encapsulation of an organometallic cationic catalyst by direct exchange into an anionic MOF. Chemical Science, 2016, 7, 2037-2050.	7.4	57
14	Metathesis Polymerization Reactions Induced by the Bimetallic Complex (Ph4P)2[W2(Î¼-Br)3Br6]. Polymers, 2015, 7, 2611-2624.	4.5	6
15	Coordination of iPr2P(O)NHP(O)iPr2 to Co(II): Simultaneous formation of octahedral and tetrahedral complexes. Inorganic Chemistry Communication, 2013, 30, 34-38.	3.9	9
16	Spin-Relaxation Properties of a High-Spin Mononuclear Mn^{III}O₆-Containing Complex. Inorganic Chemistry, 2013, 52, 12869-12871.	4.0	81
17	Synthesis of Chalcogenidoimidodiphosphinatoâ€“Rh^I Complexes and DFT Investigation of Their Catalytic Activation in Olefin Hydroformylation. European Journal of Inorganic Chemistry, 2013, 2013, 1170-1183.	2.0	8
18	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. Journal of Polymer Science Part A, 2013, 51, 4835-4844.	2.3	12

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19	Multi-edge X-ray Absorption Spectroscopy. 1. X-ray Absorption near-Edge Structure Analysis of a Biomimetic Model of FeFe-Hydrogenase. Journal of Physical Chemistry A, 2012, 116, 12280-12298.	2.5	13
20	Electron and Spin Density Topology of the Hâ€Cluster and Its Biomimetic Complexes. European Journal of Inorganic Chemistry, 2011, 2011, 2677-2690.	2.0	14
21	In silico evaluation of proposed biosynthetic pathways for the unique dithiolate ligand of the Hâ€cluster of [FeFe]â€hydrogenase. Journal of Computational Chemistry, 2011, 32, 3194-3206.	3.3	3
22	Tetrahedral and Square Planar Ni[(SPR₂)₂N]₂ complexes, R = Ph & ⁱPr Revisited: Experimental and Theoretical Analysis of Interconversion Pathways, Structural Preferences, and Spin Delocalization. Inorganic Chemistry, 2010, 49, 5079-5093.	4.0	46
23	Evaluation of biosynthetic pathways for the unique dithiolate ligand of the FeFe hydrogenase H-cluster. Journal of Biological Inorganic Chemistry, 2010, 15, 1177-1182.	2.6	5
24	Synthesis and characterization of new RhI complexes bearing CO, PPh3 and chelating P,O- or Se,Se-ligands: Application to hydroformylation of styrene. Journal of Organometallic Chemistry, 2007, 692, 4129-4138.	1.8	19
25	Structural, spectroscopic and magnetic properties of M[R2P(E)NP(E)Râ€²2]2complexes, M = Co, Mn, E = S, Se and R, Râ€² = Ph oriPr. Covalency of Mâ€“S bonds from experimental data and theoretical calculations. Dalton Transactions, 2006, , 2301-2315.	3.3	35