Jin Kim

List of Publications by Year
in descending order

31 papers	825 citations	687363 13 h-index	477307 29 g-index
36 all docs	36 docs citations	36 times ranked	1259 citing authors

#	Article	IF	Citations
1	Facile meso-BODIPY Annulation and Selective Sensing of Hypochlorite in Water. Organic Letters, 2014, 16, 520-523.	4.6	156
2	Hydrogen-Bond-Assisted Controlled Câ€“H Functionalization via Adaptive Recognition of a Purine Directing Group. Journal of the American Chemical Society, 2014, 136, 1132-1140.	13.7	146
3	Formation of a nickel carbon dioxide adduct and its transformation mediated by a Lewis acid. Chemical Communications, 2014, 50, 11458-11461.	4.1	74
4	Synthesis and Reactivity of Nickel(II) Hydroxycarbonyl Species, NiCOOH-Î²C. Organometallics, 2013, 32, 7195-7203.	2.3	61
5	Phosphinite-Ni(0) Mediated Formation of a Phosphide-Ni(II)-OCOOMe Species via Uncommon Metalâ€“Ligand Cooperation. Journal of the American Chemical Society, 2015, 137, 4280-4283.	13.7	58
6	Transmethylation of a four-coordinate nickel(<scp>i</scp>) monocarbonyl species with methyl iodide. Chemical Science, 2014, 5, 3853-3858.	7.4	49
7	Computer-aided rational design of Fe(<scp>iii</scp>)-catalysts for the selective formation of cyclic carbonates from CO₂ and internal epoxides. Catalysis Science and Technology, 2017, 7, 4375-4387.	4.1	34
8	Foldecture as a Core Material with Anisotropic Surface Characteristics. Journal of the American Chemical Society, 2015, 137, 2159-2162.	13.7	32
9	Ïƒ-Complexation as a strategy for designing copper-based light emitters. Chemical Communications, 2017, 53, 2858-2861.	4.1	31
10	Hydrogen Bond-Enabled Heterolytic and Homolytic Peroxide Activation within Nonheme Copper(II)-Alkylperoxo Complexes. Inorganic Chemistry, 2019, 58, 12964-12974.	4.0	22
11	Spectroscopic capture of a low-spin Mn(IV)-oxo species in Niâ€“Mn3O4 nanoparticles during water oxidation catalysis. Nature Communications, 2020, 11, 5230.	12.8	21
12	The unusual hydridicity of a cobalt bound Siâ€“H moiety. Chemical Communications, 2016, 52, 9367-9370.	4.1	18
13	A Silyl-Nickel Moiety as a Metalâ€“Ligand Cooperative Site. Inorganic Chemistry, 2019, 58, 11534-11545.	4.0	17
14	Water as a Hydroxy Source in a Rh^{III}â€Catalyzed Directed Câˆ’H Hydroxylation of 2â€Arylpyridines. Asian Journal of Organic Chemistry, 2017, 6, 907-912.	2.7	13
15	Wellâ€Defined Cesium Benzotriazolide as an Active Catalyst for Generating Disubstituted Ureas from Carbon Dioxide and Amines. ChemCatChem, 2017, 9, 247-252.	3.7	13
16	Synthesis and characterization of a four-coordinate nickel carbamato species (MeSiP i Pr 2) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Tc Chimica Acta, 2017, 460, 55-62.	2.4	11
17	A mononuclear nonheme {FeNO}⁶ complex: synthesis and structural and spectroscopic characterization. Chemical Science, 2018, 9, 6952-6960.	7.4	11
18	Single-Crystal Growth and Size Control of Three Novel Polar Intermetallics: Eu_{2.94(2)}Ca_{6.06}In₈Ge₈, Eu_{3.13(2)}Ca_{5.87}In₈Ge₈, and Sr_{3.23(3)}Ca_{5.77}In₈Ge₈ with Crystal Structure, Chemical Bonding, and Magnetism Studies. Inorganic Chemistry, 2014, 53, 4669-4677.	4.0	8

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19	Regiodivergent Conjugate Addition Controlled by Rhodium(I) and Palladium(II) Catalysts: A Combined Computational and Experimental Study. Advanced Synthesis and Catalysis, 2017, 359, 3160-3175.	4.3	8
20	Factors that determine thione(thiol)â€“disulfide interconversion in a bis(thiosemicarbazone) copper(<scp>ii</scp>) complex. RSC Advances, 2019, 9, 9049-9052.	3.6	8
21	Rh^{III}â€Catalyzed Directed Câ^'H Bromination and Iodination to Synthesize Atropisomeric Biaryls. Asian Journal of Organic Chemistry, 2016, 5, 1107-1110.	2.7	7
22	EPR spectroscopy elucidates the electronic structure of [Fe^V(O)(TAML)] complexes. Inorganic Chemistry Frontiers, 2021, 8, 3775-3783.	6.0	6
23	EPR-derived structures of flavin radical and iron-sulfur clusters from Methylosinus sporium 5 reductase. Inorganic Chemistry Frontiers, 2021, 8, 1279-1289.	6.0	5
24	Bioinspired nonheme iron complex that triggers mitochondrial apoptotic signalling pathway specifically for colorectal cancer cells. Chemical Science, 2022, 13, 737-747.	7.4	5
25	Metal complexes containing <scp>siliconâ€based</scp> pincer ligands: Reactivity and application in small molecule activation. Bulletin of the Korean Chemical Society, 2022, 43, 538-548.	1.9	4
26	Advanced Electron Paramagnetic Resonance Studies of a Ternary Complex of Copper, Amyloid-Î², and a Chemical Regulator. Inorganic Chemistry, 2018, 57, 12665-12670.	4.0	3
27	Probing the Structure and Binding Mode of EDTA on the Surface of Mn₃O₄ Nanoparticles for Water Oxidation by Advanced Electron Paramagnetic Resonance Spectroscopy. Inorganic Chemistry, 2020, 59, 8846-8854.	4.0	2
28	Crystal Structure, Chemical Bonding and Magnetism Studies for Three Quinary Polar Intermetallic Compounds in the (Eu1â^'xCax)9In8(Ge1â^'ySny)8 (x = 0.66, y = 0.03) and the (Eu1â^'xCax)3In(Ge3â^'ySn1+y) (x = 1.	4.1	1
29	An end-on bis(Î¼-hydroxido) dimanganese(<scp>ii</scp>,<scp>iii</scp>) azide complex for Câ€“H bond and Oâ€“H bond activation reactions. Chemical Communications, 2022, 58, 4623-4626.	4.1	1
30	Well-Defined Cesium Benzotriazolide as an Active Catalyst for Generating Disubstituted Ureas from Carbon Dioxide and Amines. ChemCatChem, 2017, 9, 215-216.	3.7	0
31	Synthesis and Properties of Fluorinated Polyimides from Rigid and Twisted Bis(Trifluoromethyl)Benzidine for Flexible Electronics. , 0, , .		0