Yue Chen

List of Publications by Year
in descending order

20 papers	1,079 citations	567281 15 h-index	752698 20 g-index
20 all docs	20 docs citations	20 times ranked	1399 citing authors

#	Article	IF	Citations
1	Adsorption and Desorption of U(VI) on Functionalized Graphene Oxides: A Combined Experimental and Theoretical Study. Environmental Science & Technology, 2015, 49, 4255-4262.	10.0	473
2	Competitive Adsorption of Pb^{II}, Ni^{II}, and Sr^{II} Ions on Graphene Oxides: A Combined Experimental and Theoretical Study. ChemPlusChem, 2015, 80, 480-484.	2.8	97
3	Synthesis and characterization of group 4 metal amides with new C2-symmetric binaphthyldiamine-based ligands and their use as catalysts for asymmetric hydroamination/cyclization. Dalton Transactions, 2010, 39, 4048.	3.3	94
4	Pb2+ induced DNA conformational switch from hairpin to G-quadruplex: electrochemical detection of Pb2+. Analyst, The, 2011, 136, 2367.	3.5	82
5	A comparative study on the hydrogenation of ketones catalyzed by diphosphineâ€“diamine transition metal complexes using DFT method. Dalton Transactions, 2009, , 2359.	3.3	36
6	Preference of H₂ as Hydrogen Source in Hydrogenation of Ketones Catalyzed by Late Transition Metal Complexes. A DFT Study. Organometallics, 2010, 29, 543-548.	2.3	34
7	Mechanism investigation of ketone hydrogenation catalyzed by ruthenium bifunctional catalysts: insights from a DFT study. Physical Chemistry Chemical Physics, 2012, 14, 6003.	2.8	30
8	Nature of Asynchronous Hydrogen Transfer in Ketone Hydrogenation Catalyzed by Ru Complex. Journal of Physical Chemistry C, 2008, 112, 13524-13527.	3.1	28
9	A theoretical study of X ligand effect on catalytic activity of complexes RuHX(diamine)(PPh3)2 (X =) Tj ETQq1 1 0.784314 rgBT /Over 2036.	3.3	28
10	Mechanism and Influence of Acid in Hydrogenation of Ketones by Î·⁶-Arene/N-Tosylethylenediamine Ruthenium(II). Organometallics, 2009, 28, 2078-2084.	2.3	26
11	Mechanism for the Light-Induced O₂ Evolution from H₂O Promoted by Ru(II) PNN Complex: A DFT Study. Journal of Physical Chemistry A, 2010, 114, 10334-10338.	2.5	26
12	Energy Transfer Tunes Phosphorescent Color of Singleâ€Dopant White OLEDs. Chemistry - A European Journal, 2011, 17, 13971-13977.	3.3	21
13	The important role of the Moâ€“Mo quintuple bond in catalytic synthesis of benzene from alkynes. A theoretical study. Dalton Transactions, 2014, 43, 11478-11492.	3.3	21
14	Moâ€“Mo Quintuple Bond is Highly Reactive in Hâ€“H, Câ€“H, and Oâ€“H Ïƒ-Bond Cleavages Because of the Polarized Electronic Structure in Transition State. Inorganic Chemistry, 2017, 56, 4011-4020.	4.0	20
15	Enhancement of Diastereoselectivity in Photodimerization of Alkyl 2-Naphthoates with Chiral Auxiliaries via Inclusion within Î³-Cyclodextrin Cavities. Journal of Organic Chemistry, 2012, 77, 1685-1692.	3.2	19
16	Theoretical Study of Pd₁₁Si₆ Nanosheet Compounds Including Sevenâ€Coordinated Si Species and Its Ge Analogues. Chemistry - A European Journal, 2016, 22, 1076-1087.	3.3	13
17	Theoretical Study of Mononuclear Nickel(I), Nickel(0), Copper(I), and Cobalt(I) Dioxygen Complexes: New Insight into Differences and Similarities in Geometry and Bonding Nature. Inorganic Chemistry, 2013, 52, 13146-13159.	4.0	12
18	Mechanism of Water Oxidation to Molecular Oxygen with Osmocene as Photocatalyst: A Theoretical Study. Inorganic Chemistry, 2012, 51, 4938-4946.	4.0	8

#	Article	IF	Citations
19	A coordination strategy to realize a sextuply-bonded complex. Physical Chemistry Chemical Physics, 2017, 19, 14947-14954.	2.8	8
20	A DFT Study on Formation of Bisaryl Oxime Ether from Benzaldehyde and Phenoxyamine. Chemistry Letters, 2008, 37, 656-657.	1.3	3