

Yue Chen

List of Publications by Year in descending order

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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	A coordination strategy to realize a sextuply-bonded complex. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 14947-14954.	2.8	8
2	Mo ^{VI} Mo Quintuple Bond is Highly Reactive in H-H, C-H, and O-H σ -Bond Cleavages Because of the Polarized Electronic Structure in Transition State. <i>Inorganic Chemistry</i> , 2017, 56, 4011-4020.	4.0	20
3	Theoretical Study of Pd ₁₁ Si ₆ Nanosheet Compounds Including Seven-Coordinate Si Species and Its Ge Analogues. <i>Chemistry - A European Journal</i> , 2016, 22, 1076-1087.	3.3	13
4	Adsorption and Desorption of U(VI) on Functionalized Graphene Oxides: A Combined Experimental and Theoretical Study. <i>Environmental Science & Technology</i> , 2015, 49, 4255-4262.	10.0	473
5	Competitive Adsorption of Pb ^{II} , Ni ^{II} , and Sr ^{II} Ions on Graphene Oxides: A Combined Experimental and Theoretical Study. <i>ChemPlusChem</i> , 2015, 80, 480-484.	2.8	97
6	The important role of the Mo ^{VI} Mo quintuple bond in catalytic synthesis of benzene from alkynes. A theoretical study. <i>Dalton Transactions</i> , 2014, 43, 11478-11492.	3.3	21
7	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. <i>Inorganic Chemistry</i> , 2013, 52, 13146-13159.	4.0	12
8	Enhancement of Diastereoselectivity in Photodimerization of Alkyl 2-Naphthoates with Chiral Auxiliaries via Inclusion within β -Cyclodextrin Cavities. <i>Journal of Organic Chemistry</i> , 2012, 77, 1685-1692.	3.2	19
9	Mechanism investigation of ketone hydrogenation catalyzed by ruthenium bifunctional catalysts: insights from a DFT study. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 6003.	2.8	30
10	Mechanism of Water Oxidation to Molecular Oxygen with Osmocene as Photocatalyst: A Theoretical Study. <i>Inorganic Chemistry</i> , 2012, 51, 4938-4946.	4.0	8
11	Pb ²⁺ induced DNA conformational switch from hairpin to G-quadruplex: electrochemical detection of Pb ²⁺ . <i>Analyst</i> , 2011, 136, 2367.	3.5	82
12	Energy Transfer Tunes Phosphorescent Color of Single-Dopant White OLEDs. <i>Chemistry - A European Journal</i> , 2011, 17, 13971-13977.	3.3	21
13	Synthesis and characterization of group 4 metal amides with new C ₂ -symmetric binaphthyldiamine-based ligands and their use as catalysts for asymmetric hydroamination/cyclization. <i>Dalton Transactions</i> , 2010, 39, 4048.	3.3	94
14	Mechanism for the Light-Induced O ₂ Evolution from H ₂ O Promoted by Ru(II) PNN Complex: A DFT Study. <i>Journal of Physical Chemistry A</i> , 2010, 114, 10334-10338.	2.5	26
15	Preference of H ₂ as Hydrogen Source in Hydrogenation of Ketones Catalyzed by Late Transition Metal Complexes. A DFT Study. <i>Organometallics</i> , 2010, 29, 543-548.	2.3	34
16	A theoretical study of X ligand effect on catalytic activity of complexes RuHX(diamine)(PPh ₃) ₂ (X =) Tj ETQqO O O rgBT /Overlock 10 Tf 5 2036.	3.3	28
17	Mechanism and Influence of Acid in Hydrogenation of Ketones by β -Arene-N-Tosylethylenediamine Ruthenium(II). <i>Organometallics</i> , 2009, 28, 2078-2084.	2.3	26
18	A comparative study on the hydrogenation of ketones catalyzed by diphosphine-diamine transition metal complexes using DFT method. <i>Dalton Transactions</i> , 2009, , 2359.	3.3	36

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19	Nature of Asynchronous Hydrogen Transfer in Ketone Hydrogenation Catalyzed by Ru Complex. Journal of Physical Chemistry C, 2008, 112, 13524-13527.	3.1	28
20	A DFT Study on Formation of Bisaryl Oxime Ether from Benzaldehyde and Phenoxyamine. Chemistry Letters, 2008, 37, 656-657.	1.3	3