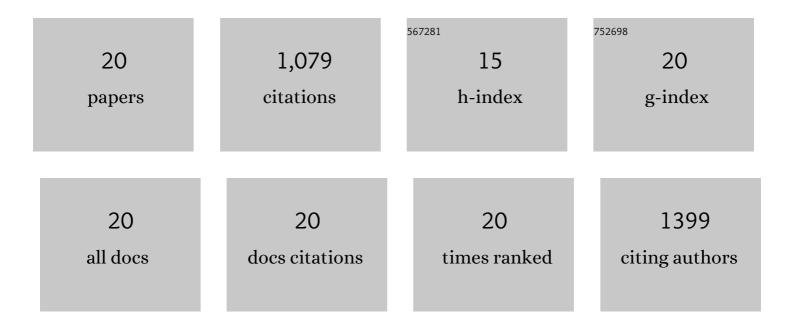
Yue Chen

List of Publications by Year in descending order

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#	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} lons 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 diphosphine–diamine transition metal complexes using DFT method. Dalton Transactions, 2009, , 2359.	3.3	36
6	Preference of H ₂ 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 2036.	. 0.784314 i 3.3	rgBT /Overlo 28
10	Mechanism and Influence of Acid in Hydrogenation of Ketones by η ⁶ -Arene/ <i>N</i> -Tosylethylenediamine Ruthenium(II). Organometallics, 2009, 28, 2078-2084.	2.3	26
11	Mechanism for the Light-Induced O ₂ Evolution from H ₂ O 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€Đopant White OLEDs. Chemistry - A European Journal, 2011, 17, 13971-13977.	3.3	21
13	The important role of the Mo–Mo quintuple bond in catalytic synthesis of benzene from alkynes. A theoretical study. Dalton Transactions, 2014, 43, 11478-11492.	3.3	21
14	Mo–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. 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 γ-Cyclodextrin Cavities. Journal of Organic Chemistry, 2012, 77, 1685-1692.	3.2	19
16	Theoretical Study of Pd ₁₁ Si ₆ 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(O), 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

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#	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