Amit Das

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8403835/publications.pdf

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19	1,072	17 h-index	19
papers	citations		g-index
19	19	19	1745
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Electrochemical C–H oxygenation and alcohol dehydrogenation involving Fe-oxo species using water as the oxygen source. Chemical Science, 2019, 10, 7542-7548.	7.4	51
2	Lignin Conversion to Low-Molecular-Weight Aromatics via an Aerobic Oxidation-Hydrolysis Sequence: Comparison of Different Lignin Sources. ACS Sustainable Chemistry and Engineering, 2018, 6, 3367-3374.	6.7	118
3	Probing the Electron Accepting Orbitals of Ni-Centered Hydrogen Evolution Catalysts with Noninnocent Ligands by Ni L-Edge and S K-Edge X-ray Absorption. Inorganic Chemistry, 2018, 57, 13167-13175.	4.0	13
4	Noncovalent Immobilization of Molecular Electrocatalysts for Chemical Synthesis: Efficient Electrochemical Alcohol Oxidation with a Pyrene–TEMPO Conjugate. Angewandte Chemie, 2017, 129, 9018-9023.	2.0	32
5	Noncovalent Immobilization of Molecular Electrocatalysts for Chemical Synthesis: Efficient Electrochemical Alcohol Oxidation with a Pyrene–TEMPO Conjugate. Angewandte Chemie - International Edition, 2017, 56, 8892-8897.	13.8	112
6	Photoelectrochemical Generation of Hydrogen from Water Using a CdSe Quantum Dot-Sensitized Photocathode. ACS Catalysis, 2015, 5, 2255-2259.	11.2	55
7	Nickel Complexes for Robust Light-Driven and Electrocatalytic Hydrogen Production from Water. ACS Catalysis, 2015, 5, 1397-1406.	11.2	221
8	A Diruthenium Complex of a "Nindigo―Ligand. Inorganic Chemistry, 2013, 52, 8467-8475.	4.0	30
9	Electronic structure and catalytic aspects of [(trpy)(Cl)Ru(L)]n incorporating potential non-innocent ligands, Lâ^: 9-Oxidophenalenone and trpy: 2,2′:6′,2″-terpyridine. Polyhedron, 2013, 52, 1130-1137.	2.2	22
10	Photogeneration of hydrogen from water using CdSe nanocrystals demonstrating the importance of surface exchange. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16716-16723.	7.1	127
11	Asymmetrical Diruthenium Complex Bridged by a Redox-Active Ligand. Inorganic Chemistry, 2012, 51, 1675-1684.	4.0	39
12	Experimental and DFT Evidence for the Fractional Nonâ€Innocence of a βâ€Diketonate Ligand. Chemistry - A European Journal, 2012, 18, 14434-14443.	3. 3	35
13	Electronic structures of ruthenium complexes encircling non-innocent ligand assembly. Journal of Chemical Sciences, 2012, 124, 1181-1189.	1.5	2
14	9-Oxidophenalenone: A Noninnocent β-Diketonate Ligand?. Inorganic Chemistry, 2012, 51, 4390-4397.	4.0	28
15	The intricate paramagnetic state of $[Os(Q)2(bpy)]+$, $Q=4,6$ -di-tert-butyl-o-iminobenzoquinone. Dalton Transactions, 2012, 41, 11675.	3.3	17
16	Application of a Structure/Oxidationâ€State Correlation to Complexes of Bridging Azo Ligands. Chemistry - A European Journal, 2012, 18, 11007-11018.	3.3	63
17	Isomeric Complexes of [Ru ^{II} (trpy)(L)Cl] (trpy = 2,2′:6′,2′′-Terpyridine and HL = Quinaldic Preference of Isomeric Structural Form in Catalytic Chemoselective Epoxidation Process. Inorganic Chemistry, 2011, 50, 1775-1785.	Acid): 4.0	39

Reductive Approach to Mixed Valency (<i>n</i>= 1â^') in the Pyrazine Ligand-Bridged [(acac)₂Ru(î¼-L^{2â€"}Dr [ETQq@® 0 rgBT /

ARTICLE IF CITATIONS

Valence structures of the diastereomeric complexes meso- and rac-[Ru2(acac)4(\hat{l} /4-Q)]n (n = 2 \hat{a} °, 1 \hat{a} °, 0, 1+,) Tj ETQq1 1 0.784314 rg 3.3 25 Transactions, 2009, , 9645.