

Chao Dong

List of Publications by Year in descending order

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papers

738
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933447

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docs citations

16
times ranked

1195
citing authors

#	ARTICLE	IF	CITATIONS
1	Xanthine oxidoreductase inhibition – A review of computational aspect. Journal of Theoretical and Computational Chemistry, 2020, 19, 2040008.	1.8	6
2	Acid-facilitated product release from a Mo(IV) center: relevance to oxygen atom transfer reactivity of molybdenum oxotransferases. Journal of Biological Inorganic Chemistry, 2018, 23, 193-207.	2.6	2
3	Synthesis and Characterization of N,N' -Bismesityl Phenanthrene-9,10-diimine and Imine–Nitron. ACS Omega, 2018, 3, 16858-16865.	3.5	1
4	Vibrational Probes of Molybdenum Cofactor–Protein Interactions in Xanthine Dehydrogenase. Inorganic Chemistry, 2017, 56, 6830-6837.	4.0	12
5	Xanthine oxidase–product complexes probe the importance of substrate/product orientation along the reaction coordinate. Dalton Transactions, 2017, 46, 13242-13250.	3.3	10
6	Cobalt $K\beta$ valence-to-core X-ray emission spectroscopy: a study of low-spin octahedral cobalt(III) complexes. Dalton Transactions, 2016, 45, 14191-14202.	3.3	9
7	Low temperature route synthesis of $Si-Al_2O_3$ hetero-structural nanofibers. Nanotechnology, 2014, 25, 014017.	2.6	1
8	Pyranopterin Dithiolene Distortions Relevant to Electron Transfer in Xanthine Oxidase/Dehydrogenase. Inorganic Chemistry, 2014, 53, 7077-7079.	4.0	21
9	Dioxomolybdenum(VI) Complexes with Ene-1,2-dithiolate Ligands: Synthesis, Spectroscopy, and Oxygen Atom Transfer Reactivity. Inorganic Chemistry, 2009, 48, 10581-10590.	4.0	27
10	Pt nanoparticles deposited over carbon nanotubes for selective hydrogenation of cinnamaldehyde. Catalysis Communications, 2007, 8, 452-456.	3.3	117
11	Synthesis, Characterization, and Luminescence Properties of Uniform Ln^{3+} -Doped YF ₃ Nanospindles. Journal of Physical Chemistry C, 2007, 111, 6652-6657.	3.1	108
12	Synthesis of Kelp-Like Crystalline β -SiC Nanobelts and their Apical Growth Mechanism. Journal of the American Ceramic Society, 2007, 90, 653-656.	3.8	14
13	Well-Aligned Arrays of CuO Nanoplatelets. Journal of Physical Chemistry B, 2006, 110, 1632-1637.	2.6	180
14	Carbon nanofibers: Synthesis, characterization, and electrochemical properties. Carbon, 2006, 44, 828-832.	10.3	146
15	Low-temperature solvothermal route to $2H-\beta$ -SiC nanoflakes. Applied Physics Letters, 2006, 88, 071913.	3.3	39
16	Single-crystalline alpha silicon nitride nanowires: Large-scale synthesis, characterization, and optic properties. Applied Physics Letters, 2005, 86, 181901.	3.3	45