

Shujin Li

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

397
citations

933447

10
h-index

752698

20
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22
all docs

22
docs citations

22
times ranked

547
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical and experimental studies on the adsorption behavior of thiophenol on gold nanoparticles. <i>Journal of Raman Spectroscopy</i> , 2007, 38, 1436-1443.	2.5	76
2	A review of the role and mechanism of surfactants in the morphology control of metal nanoparticles. <i>Nanoscale</i> , 2021, 13, 3895-3910.	5.6	69
3	Cu assisted synthesis of self-supported PdCu alloy nanowires with enhanced performances toward ethylene glycol electrooxidation. <i>Applied Surface Science</i> , 2018, 434, 701-710.	6.1	60
4	Advanced Plasmon-driven ethylene glycol oxidation over 3D ultrathin Lotus-like PdCu nanosheets. <i>Chemical Engineering Journal</i> , 2022, 438, 135666.	12.7	37
5	From bimetallic PdCu nanowires to ternary PdCu-SnO ₂ nanowires: Interface control for efficient ethanol electrooxidation. <i>Journal of Colloid and Interface Science</i> , 2020, 560, 802-810.	9.4	36
6	Ionic dissociation of methanesulfonic acid in small water clusters. <i>Chemical Physics Letters</i> , 2007, 438, 190-195.	2.6	20
7	Theoretical study on the atmospheric reaction of SO ₂ with the HO ₂ and HO ₂ ·H ₂ O complex formation HSO ₄ and H ₂ SO ₃ . <i>Chemical Physics Letters</i> , 2014, 608, 272-276.	2.6	20
8	Shape-controlled PdSn alloy as superior electrocatalysts for alcohol oxidation reactions. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 101, 167-176.	5.3	20
9	Intermolecular structure and properties of the methanesulfonic acid·ammonia system in small water clusters. <i>Chemical Physics Letters</i> , 2007, 447, 33-38.	2.6	15
10	Theoretical study of mechanism and kinetics for the addition of hydroxyl radical to phenol. <i>Science China Chemistry</i> , 2012, 55, 270-276.	8.2	12
11	Efficient polyalcohol oxidation electrocatalysts enabled by PtM (M = Fe, Co, and Ni) nanocubes surrounded by (200) crystal facets. <i>Nanoscale</i> , 2020, 12, 9842-9848.	5.6	6
12	Theoretical study of mechanism and kinetics for OH-initiated oxidation of o-cresol in the troposphere. <i>Computational and Theoretical Chemistry</i> , 2011, 971, 51-57.	2.5	5
13	Theoretical study of the kinetics for the hydrogen abstraction of 1,1,1,2-tetrafluoroethane (HFC-134a) by hydroxyl radical. <i>Computational and Theoretical Chemistry</i> , 2008, 869, 6-10.	1.5	4
14	Theoretical study of the reaction of hydroxyl radicals with uridine: the influence of ribose and solvent. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5891-5897.	2.8	4
15	The oxidation mechanism and kinetics of 2'-deoxyguanosine by carbonate radical anion. <i>Chemical Physics Letters</i> , 2020, 739, 136982.	2.6	4
16	Mechanistic and kinetic study on the ozonolysis of 2,4-hexadienedial. <i>Structural Chemistry</i> , 2014, 25, 1405-1414.	2.0	3
17	Repair Activity of <i>trans</i> -Resveratrol toward 2'-Deoxyguanosine Radicals. <i>Journal of Physical Chemistry B</i> , 2018, 122, 4397-4406.	2.6	2
18	Ab initio and kinetics study of hydrogen abstraction from 1,1-difluoroethane by hydroxyl radical. <i>Computational and Theoretical Chemistry</i> , 2009, 901, 38-43.	1.5	1

#	ARTICLE	IF	CITATIONS
19	Troposphere reactions of hydroxycyclohexadienyl peroxy radicals with nitric oxide: A DFT study. Computational and Theoretical Chemistry, 2013, 1018, 6-12.	2.5	1
20	Theoretical study of mechanism and kinetics for the reaction of hydroxyl radical with 2'-deoxycytidine. Structural Chemistry, 2018, 29, 1359-1366.	2.0	1
21	Repair of Oxidizing Hydroxyl Adduct Radicals of DNA Bases by Hydroxyl•-trans- <i>Stilbenes</i> via Single Electron Transfer. ChemistrySelect, 2019, 4, 3782-3790.	1.5	1
22	Theoretical investigation of the kinetics for the hydrogen abstraction reaction of 1,1,1,2-tetrafluoroethane (HFC-134a) by chlorine radical. Computational and Theoretical Chemistry, 2009, 910, 88-92.	1.5	0