

Lihong Tang

List of Publications by Year in descending order

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21
papers

586
citations

759233

12
h-index

713466

21
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21
all docs

21
docs citations

21
times ranked

824
citing authors

#	ARTICLE	IF	CITATIONS
1	Density functional theory analysis of selective adsorption of AsH ₃ on transition metal-doped graphene. <i>Journal of Molecular Modeling</i> , 2019, 25, 145.	1.8	15
2	Synthesis of amino-functionalization magnetic multi-metal organic framework (Fe ₃ O ₄ /MIL-101(Al _{0.9})). <i>Journal of Chemical Engineering</i> , 2018, 87, 64-72.	5.3	39
3	Adsorption-oxidation of hydrogen sulfide on Fe/walnut-shell activated carbon surface modified by NH ₃ -plasma. <i>Journal of Environmental Sciences</i> , 2018, 64, 216-226.	6.1	32
4	Mechanistic and kinetic study on the catalytic hydrolysis of COS in small clusters of sulfuric acid. <i>Environmental Pollution</i> , 2018, 232, 615-623.	7.5	26
5	Effect of Lithium Doping on the Structures and CO ₂ Adsorption Properties of Metal-Organic Frameworks. <i>ChemistrySelect</i> , 2018, 3, 12865-12870.	1.5	34
6	The crucial role of water clusters (H ₂ O) _n (n = 0-5) on the catalytic oxidation of AsH ₃ : An accurate theoretical investigation. <i>Computational and Theoretical Chemistry</i> , 2017, 1115, 69-79.	2.5	2
7	Low Temperature Catalytic Hydrolysis of Carbon Disulfide on Activated Carbon Fibers Modified by Non-thermal Plasma. <i>Plasma Chemistry and Plasma Processing</i> , 2017, 37, 1175-1191.	2.4	10
8	Fe/MCSAC catalysts surface modified with nitrogen DBD non-thermal plasma for carbonyl sulfide catalytic hydrolysis activity enhancement. <i>Surface and Interface Analysis</i> , 2017, 49, 766-775.	1.8	5
9	Simultaneous removal of NO _x and SO ₂ by low-temperature selective catalytic reduction over modified activated carbon catalysts. <i>Russian Journal of Physical Chemistry A</i> , 2017, 91, 490-499.	0.6	23
10	Low temperature catalytic hydrolysis of carbon disulfide over nano-active carbon based catalysts prepared by liquid phase deposition. <i>RSC Advances</i> , 2017, 7, 40354-40361.	3.6	8
11	Removal of Cu(II) Ions from Aqueous Solution by Magnetic Chitosan-Tripolyphosphate Modified Silica-Coated Adsorbent: Characterization and Mechanisms. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	31
12	Catalytic hydrolysis of carbonyl sulphide and carbon disulphide over Fe ₂ O ₃ cluster: Competitive adsorption and reaction mechanism. <i>Scientific Reports</i> , 2017, 7, 14452.	3.3	21
13	Highly effective removal of mercury and lead ions from wastewater by mercaptoamine-functionalised silica-coated magnetic nano-adsorbents: Behaviours and mechanisms. <i>Applied Surface Science</i> , 2017, 393, 457-466.	6.1	164
14	Simultaneous Adsorption/Oxidation of NO and SO ₂ over Al ₂ O ₃ -Cu Composite Metal Oxides Supported on MCM-41 at Low Temperature. <i>Journal of Chemical Engineering of Japan</i> , 2017, 50, 376-382.	0.6	5
15	The Kinetic Model of Simultaneous Catalytic Hydrolysis of Carbon Disulfide and Carbonyl Sulfide over Modified Walnut Shell Biochar. <i>Journal of Chemical Engineering of Japan</i> , 2017, 50, 115-121.	0.6	7
16	Influence of Ca doping and calcination temperature on selective catalytic oxidation of NO over Mn ₂ O ₃ catalysts. <i>New Journal of Chemistry</i> , 2017, 41, 11742-11749.	2.8	6
17	Acid modified mesoporous Cu/SBA-15 for simultaneous adsorption/oxidation of hydrogen sulfide and phosphine. <i>Chemical Engineering Journal</i> , 2016, 302, 69-76.	12.7	33
18	The hydrolysis mechanism and kinetic analysis for COS hydrolysis: A DFT study. <i>Russian Journal of Physical Chemistry B</i> , 2016, 10, 427-434.	1.3	14

#	ARTICLE	IF	CITATIONS
19	Highly selective removal of Zn(II) ion from hot-dip galvanizing pickling waste with amino-functionalized Fe ₃ O ₄ @SiO ₂ magnetic nano-adsorbent. <i>Journal of Colloid and Interface Science</i> , 2016, 462, 235-242.	9.4	96
20	Influence of the preparation conditions of MgAlCe catalysts on the catalytic hydrolysis of carbonyl sulfide at low temperature. <i>RSC Advances</i> , 2015, 5, 20530-20537.	3.6	11
21	Structure, energetics, and bonding of novel potential high energy density materials Rh ₂ (N ₅) ₄ : A DFT study. <i>Chemical Physics Letters</i> , 2015, 639, 166-171.	2.6	4