Liang Kong

List of Publications by Year
in descending order

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22	1,341	516215 16	676716 22
papers	citations	h-index	g-index

22	22	22	1986
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid synthesis of BiOBrxI1-x photocatalysts: Insights to the visible-light photocatalytic activity and strong deviation from Vegardâ€™s law. Catalysis Today, 2019, 335, 477-484.	2.2	27
2	Bauxite-modified oxygen carrier for chemical looping combustion: A possible solution to the heat of combustion compensation. Chemical Engineering Research and Design, 2018, 131, 635-642.	2.7	14
3	Fischerâ€“Tropsch Synthesis: Influence of Acid Treatment and Preparation Method on Carbon Nanotube Supported Ruthenium Catalysts. Industrial & Engineering Chemistry Research, 2017, 56, 6408-6418.	1.8	15
4	Experimental evaluations of solid-fueled pressurized chemical looping combustion â€“ The effects of pressure, solid fuel and iron-based oxygen carriers. Applied Energy, 2017, 195, 1012-1022.	5.1	21
5	Use of Carbon Steel for Construction of Post-combustion CO₂ Capture Facilities: A Pilot-Scale Corrosion Study. Industrial & Engineering Chemistry Research, 2017, 56, 4792-4803.	1.8	26
6	Activation of ilmenite as an oxygen carrier for solid-fueled chemical looping combustion. Applied Energy, 2017, 197, 40-51.	5.1	50
7	Dye adsorption on zinc oxide nanoparticulates atomicâ€layerâ€deposited on polytetrafluoroethylene membranes. AICHE Journal, 2016, 62, 3982-3991.	1.8	38
8	The direct solid-solid reaction between coal char and iron-based oxygen carrier and its contribution to solid-fueled chemical looping combustion. Applied Energy, 2016, 184, 9-18.	5.1	64
9	Enhanced performances of polypropylene membranes by molecular layer deposition of polyimide. Chinese Journal of Chemical Engineering, 2016, 24, 843-849.	1.7	8
10	Highly permeable and robust membranes assembled from block-copolymer-functionalized carbon nanotubes. Journal of Membrane Science, 2015, 493, 224-231.	4.1	10
11	Surface functionalization of carbon nanotubes by direct encapsulation with varying dosages of amphiphilic block copolymers. Nanotechnology, 2015, 26, 325601.	1.3	7
12	Atomic-layer-deposition-enabled nonwoven membranes with hierarchical ZnO nanostructures for switchable water/oil separations. Journal of Membrane Science, 2015, 493, 478-485.	4.1	66
13	Enhancing the hydrophilicity and water permeability of polypropylene membranes by nitric acid activation and metal oxide deposition. Journal of Membrane Science, 2015, 487, 109-116.	4.1	59
14	Crosslinking of polyimide atomic-layer-deposited on polyethersulfone membranes for synergistically enhanced performances. Journal of Membrane Science, 2015, 486, 161-168.	4.1	14
15	Turning Low-Cost Filter Papers to Highly Efficient Membranes for Oil/Water Separation by Atomic-Layer-Deposition-Enabled Hydrophobization. Industrial & Engineering Chemistry Research, 2014, 53, 16516-16522.	1.8	32
16	Does noble metal modification improve the photocatalytic activity of BiOCl?. Progress in Natural Science: Materials International, 2013, 23, 286-293.	1.8	57
17	Enhanced visible-light-driven photocatalytic activity of mesoporous TiO2â^’xNx derived from the ethylenediamine-based complex. Nanoscale, 2013, 5, 5396.	2.8	43
18	Unusual reactivity of visible-light-responsive AgBrâ€“BiOBr heterojunction photocatalysts. Journal of Catalysis, 2012, 293, 116-125.	3.1	237

#	Article	IF	Citations
19	Visible-Light-Driven Photodegradation of Rhodamine B on Ag-Modified BiOBr. Catalysis Letters, 2012, 142, 771-778.	1.4	65
20	Catalytic combustion of propane over mixed oxides derived from CuxMg3â^'xAl hydrotalcites. Fuel, 2012, 96, 257-263.	3.4	29
21	Exceptional visible-light-driven photocatalytic activity over BiOBrâ€“ZnFe2O4 heterojunctions. Chemical Communications, 2011, 47, 5512-5514.	2.2	258
22	The hydrothermal synthesis of BiOBr flakes for visible-light-responsive photocatalytic degradation of methyl orange. Journal of Photochemistry and Photobiology A: Chemistry, 2010, 212, 8-13.	2.0	201