Lisha Yang

List of Publications by Year in Descending Order

26 papers	604 citations	10 h-index	24 g-index
28 ext. papers	692 ext. citations	7.5 avg, IF	3.85 L-index

#	Paper	IF	Citations
26	Ultrashort nanosecond electric pulses activate a conductance in bovine adrenal chromaffin cells that involves cation entry through TRPC and NALCN channels.. *Archives of Biochemistry and Biophysics*, **2022**, 109252	4.1	0
25	Paradoxical effects on voltage-gated Na+ conductance in adrenal chromaffin cells by twin vs single high intensity nanosecond electric pulses. *PLoS ONE*, **2020**, 15, e0234114	3.7	3
24	Paradoxical effects on voltage-gated Na+ conductance in adrenal chromaffin cells by twin vs single high intensity nanosecond electric pulses **2020**, 15, e0234114		
23	Paradoxical effects on voltage-gated Na+ conductance in adrenal chromaffin cells by twin vs single high intensity nanosecond electric pulses **2020**, 15, e0234114		
22	Paradoxical effects on voltage-gated Na+ conductance in adrenal chromaffin cells by twin vs single high intensity nanosecond electric pulses **2020**, 15, e0234114		
21	Paradoxical effects on voltage-gated Na+ conductance in adrenal chromaffin cells by twin vs single high intensity nanosecond electric pulses **2020**, 15, e0234114		
20	Paradoxical effects on voltage-gated Na+ conductance in adrenal chromaffin cells by twin vs single high intensity nanosecond electric pulses **2020**, 15, e0234114		
19	Paradoxical effects on voltage-gated Na+ conductance in adrenal chromaffin cells by twin vs single high intensity nanosecond electric pulses **2020**, 15, e0234114		
18	Coupling Glucose Dehydrogenation with CO Hydrogenation by Hydrogen Transfer in Aqueous Media at Room Temperature. *ChemSusChem*, **2018**, 11, 2029-2034	8.3	10
17	Nanosecond electric pulses differentially affect inward and outward currents in patch clamped adrenal chromaffin cells. *PLoS ONE*, **2017**, 12, e0181002	3.7	10
16	Adrenal Chromaffin Cells Exposed to 5-ns Pulses Require Higher Electric Fields to Porate Intracellular Membranes than the Plasma Membrane: An Experimental and Modeling Study. *Journal of Membrane Biology*, **2017**, 250, 535-552	2.3	10
15	Mechanistic insights into the production of methyl lactate by catalytic conversion of carbohydrates on mesoporous Zr-SBA-15. *Journal of Catalysis*, **2016**, 333, 207-216	7.3	92
14	Direct Conversion of Cellulose into Ethyl Lactate in Supercritical Ethanol-Water Solutions. *ChemSusChem*, **2016**, 9, 36-41	8.3	35
13	Effect of redox properties of LaCoO3 perovskite catalyst on production of lactic acid from cellulosic biomass. *Catalysis Today*, **2016**, 269, 56-64	5.3	47
12	Catalytic Oxidation Pathways for the Production of Carboxylic Acids from Biomass. *Green Chemistry and Sustainable Technology*, **2016**, 171-202	1.1	1
11	Highly efficient hydrogen storage system based on ammonium bicarbonate/formate redox equilibrium over palladium nanocatalysts. *ChemSusChem*, **2015**, 8, 813-6	8.3	80
10	Biomass characterization of Agave and Opuntia as potential biofuel feedstocks. *Biomass and Bioenergy*, **2015**, 76, 43-53	5.3	75

9	Catalytic conversion of hemicellulosic biomass to lactic acid in pH neutral aqueous phase media. *Applied Catalysis B: Environmental*, **2015**, 162, 149-157	21.8	95
8	Simultaneously Converting Carbonate/Bicarbonate and Biomass to Value-added Carboxylic Acid Salts by Aqueous-phase Hydrogen Transfer. *ACS Sustainable Chemistry and Engineering*, **2015**, 3, 195-203	8.3	21
7	Microwave ionothermal synthesis of ZIF-61 and its application on the curing process of cyanate ester (CE). *Materials Letters*, **2014**, 125, 59-62	3.3	4
6	Low-temperature oxidation of guaiacol to maleic acid over TS-1 catalyst in alkaline aqueous H2O2 solutions. *Chinese Journal of Catalysis*, **2014**, 35, 622-630	11.3	9
5	Catalytic Conversion of Lignocellulosic Biomass to Value-Added Organic Acids in Aqueous Media. *Green Chemistry and Sustainable Technology*, **2014**, 109-138	1.1	1
4	High yield production of levulinic acid by catalytic partial oxidation of cellulose in aqueous media. *Energy and Environmental Science*, **2012**, 5, 9773	35.4	76
3	Preparation and Properties of CuInS2 Thin Films by Electrodeposition and Sulfurization **2012**, 845-852		
2	Microwave-assisted Ionothermal Synthesis and Characterization of Zeolitic Imidazolate Framework-8. *Chinese Journal of Chemistry*, **2012**, 30, 1040-1044	4.9	34
1	A Novel Method Combined Ionothermal Synthesis and Microwave Energies for Rapid Production of ZIFS **2012**, 117-123		1