

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Catalytic conversion of hemicellulosic biomass to lactic acid in pH neutral aqueous phase media. <i>Applied Catalysis B: Environmental</i> , <b>2015</b> , 162, 149-157	21.8	95
25	Mechanistic insights into the production of methyl lactate by catalytic conversion of carbohydrates on mesoporous Zr-SBA-15. <i>Journal of Catalysis</i> , <b>2016</b> , 333, 207-216	7.3	92
24	Highly efficient hydrogen storage system based on ammonium bicarbonate/formate redox equilibrium over palladium nanocatalysts. <i>ChemSusChem</i> , <b>2015</b> , 8, 813-6	8.3	80
23	High yield production of levulinic acid by catalytic partial oxidation of cellulose in aqueous media. <i>Energy and Environmental Science</i> , <b>2012</b> , 5, 9773	35.4	76
22	Biomass characterization of Agave and Opuntia as potential biofuel feedstocks. <i>Biomass and Bioenergy</i> , <b>2015</b> , 76, 43-53	5.3	75
21	Effect of redox properties of LaCoO <sub>3</sub> perovskite catalyst on production of lactic acid from cellulosic biomass. <i>Catalysis Today</i> , <b>2016</b> , 269, 56-64	5.3	47
20	Direct Conversion of Cellulose into Ethyl Lactate in Supercritical Ethanol-Water Solutions. <i>ChemSusChem</i> , <b>2016</b> , 9, 36-41	8.3	35
19	Microwave-assisted Ionothermal Synthesis and Characterization of Zeolitic Imidazolate Framework-8. <i>Chinese Journal of Chemistry</i> , <b>2012</b> , 30, 1040-1044	4.9	34
18	Simultaneously Converting Carbonate/Bicarbonate and Biomass to Value-added Carboxylic Acid Salts by Aqueous-phase Hydrogen Transfer. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2015</b> , 3, 195-203	8.3	21
17	Nanosecond electric pulses differentially affect inward and outward currents in patch clamped adrenal chromaffin cells. <i>PLoS ONE</i> , <b>2017</b> , 12, e0181002	3.7	10
16	Coupling Glucose Dehydrogenation with CO Hydrogenation by Hydrogen Transfer in Aqueous Media at Room Temperature. <i>ChemSusChem</i> , <b>2018</b> , 11, 2029-2034	8.3	10
15	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. <i>Journal of Membrane Biology</i> , <b>2017</b> , 250, 535-552	2.3	10
14	Low-temperature oxidation of guaiacol to maleic acid over TS-1 catalyst in alkaline aqueous H <sub>2</sub> O <sub>2</sub> solutions. <i>Chinese Journal of Catalysis</i> , <b>2014</b> , 35, 622-630	11.3	9
13	Microwave ionothermal synthesis of ZIF-61 and its application on the curing process of cyanate ester (CE). <i>Materials Letters</i> , <b>2014</b> , 125, 59-62	3.3	4
12	Paradoxical effects on voltage-gated Na <sup>+</sup> conductance in adrenal chromaffin cells by twin vs single high intensity nanosecond electric pulses. <i>PLoS ONE</i> , <b>2020</b> , 15, e0234114	3.7	3
11	Catalytic Oxidation Pathways for the Production of Carboxylic Acids from Biomass. <i>Green Chemistry and Sustainable Technology</i> , <b>2016</b> , 171-202	1.1	1
10	Catalytic Conversion of Lignocellulosic Biomass to Value-Added Organic Acids in Aqueous Media. <i>Green Chemistry and Sustainable Technology</i> , <b>2014</b> , 109-138	1.1	1

- 9 A Novel Method Combined lonothermal Synthesis and Microwave Energies for Rapid Production of ZIFS **2012**, 117-123 1
- 8 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
- 7 Preparation and Properties of CuInS<sub>2</sub> Thin Films by Electrodeposition and Sulfurization **2012**, 845-852
- 6 Paradoxical effects on voltage-gated Na<sup>+</sup> conductance in adrenal chromaffin cells by twin vs single high intensity nanosecond electric pulses **2020**, 15, e0234114
- 5 Paradoxical effects on voltage-gated Na<sup>+</sup> conductance in adrenal chromaffin cells by twin vs single high intensity nanosecond electric pulses **2020**, 15, e0234114
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- 2 Paradoxical effects on voltage-gated Na<sup>+</sup> conductance in adrenal chromaffin cells by twin vs single high intensity nanosecond electric pulses **2020**, 15, e0234114
- 1 Paradoxical effects on voltage-gated Na<sup>+</sup> conductance in adrenal chromaffin cells by twin vs single high intensity nanosecond electric pulses **2020**, 15, e0234114