

# Shuguang Shen

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

382  
citations

840776

11  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of a novel carbon-based solid acid from cocarbonized starch and polyvinyl chloride for cellulose hydrolysis. <i>Applied Catalysis A: General</i> , 2014, 473, 70-74.	4.3	71
2	Heterogeneous hydrolysis of cellulose into glucose over phenolic residue-derived solid acid. <i>Fuel</i> , 2013, 113, 644-649.	6.4	45
3	The effect of difference in chemical composition between cellulose and lignin on carbon based solid acids applied for cellulose hydrolysis. <i>Cellulose</i> , 2018, 25, 1851-1863.	4.9	38
4	Double-adsorption functional carbon based solid acids derived from copyrolysis of PVC and PE for cellulose hydrolysis. <i>Fuel</i> , 2019, 237, 895-902.	6.4	37
5	Influence of relative proportions of cellulose and lignin on carbon-based solid acid for cellulose hydrolysis. <i>Molecular Catalysis</i> , 2017, 442, 133-139.	2.0	27
6	Hydrofining of Coal Tar Light Oil to Produce High Octane Gasoline Blending Components over $\gamma\text{-Al}_2\text{O}_3$ - and $\text{Al}_2\text{O}_3$ -Supported Catalysts. <i>Energy &amp; Fuels</i> , 2015, 29, 7005-7013.	5.1	26
7	High-performance carbon-based solid acid prepared by environmental and efficient recycling of PVC waste for cellulose hydrolysis. <i>RSC Advances</i> , 2016, 6, 91921-91929.	3.6	24
8	Influence of reaction conditions on heterogeneous hydrolysis of cellulose over phenolic residue-derived solid acid. <i>Fuel</i> , 2014, 134, 573-578.	6.4	20
9	Catalytic hydrolysis of urea from wastewater using different aluminas by a fixed bed reactor. <i>Environmental Science and Pollution Research</i> , 2014, 21, 12563-12568.	5.3	15
10	Removal of urea from wastewater by heterogeneous catalysis. <i>Desalination and Water Treatment</i> , 2015, 55, 70-76.	1.0	13
11	In Situ Growth of Highly Active MgAl Layered Double Hydroxide on $\gamma\text{-Al}_2\text{O}_3$ for Catalytic Hydrolysis of Urea in Wastewater. <i>Catalysis Letters</i> , 2018, 148, 1893-1903.	2.6	13
12	Production of a gasoline blending component with high-octane and low sulfur from coal tar light oil over sulfided CoMoP/ $\gamma\text{-Al}_2\text{O}_3$ . <i>Journal of Cleaner Production</i> , 2019, 228, 965-973.	9.3	13
13	Rapid in situ synthesis of MgAl-LDH on $\gamma\text{-Al}_2\text{O}_3$ for efficient hydrolysis of urea in wastewater. <i>Journal of Catalysis</i> , 2021, 395, 54-62.	6.2	11
14	Magnetic responsive <i>Thermomyces lanuginosus</i> lipase for biodiesel synthesis. <i>Materials Today Communications</i> , 2020, 24, 101197.	1.9	7
15	A simple strategy for the preparation of chlorine functionalized coal-based solid acid with rich carboxyl to improve the activity for hydrolysis of cellulose. <i>Molecular Catalysis</i> , 2020, 492, 111015.	2.0	7
16	Preparation of a novel solid acid bearing sulfur-containing active groups and evaluation of its activity for cellulose hydrolysis. <i>Fuel Processing Technology</i> , 2021, 224, 107004.	7.2	7
17	Urea Hydrolysis Over $\gamma\text{-MnO}_2$ Catalyst: Preparation, Characterizations and Influencing Factors. <i>Catalysis Letters</i> , 2019, 149, 2032-2042.	2.6	4
18	Co-improvement of $\text{-COOH}$ group and $\text{-SO}_3\text{H}$ group densities in carbon-based solid acid by a simple strategy. <i>Molecular Catalysis</i> , 2021, 506, 111539.	2.0	4

#	ARTICLE	IF	CITATIONS
19	Preparation of a carbon-based material derived from coking industry solid waste—phenol residue and its performance as hydrolysis catalysts. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2013, 8, 447-452.	1.5	0
20	The influence of the size of aromatic monomers on the structure and catalytic activity of polymer solid acids. <i>New Journal of Chemistry</i> , 2022, 46, 767-778.	2.8	0