

# Fang Shen

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

247  
citations

933447

10  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

275  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Structure and functional properties of octenyl succinic anhydride modified starch prepared by a non-conventional technology. <i>Starch/Staerke</i> , 2016, 68, 151-159.  | 2.1  | 51        |
| 2  | Alkaline pretreatment and the synergic effect of water and tetralin enhances the liquefaction efficiency of bagasse. <i>Bioresource Technology</i> , 2015, 177, 159-168.   | 9.6  | 29        |
| 3  | Tribological properties of nano cellulose fatty acid esters as ecofriendly and effective lubricant additives. <i>Cellulose</i> , 2018, 25, 3091-3103.  | 4.9  | 23        |
| 4  | Mineralization of organics in hazardous waste sulfuric acid by natural manganese oxide ore and a combined MnO <sub>2</sub> /activated carbon treatment to produce qualified manganese sulfate. <i>Journal of Hazardous Materials</i> , 2019, 366, 466-474. | 12.4 | 22        |
| 5  | Copper-Iron Selenides Ultrafine Nanowires as Cost-Effective Catalysts for the Oxygen Evolution Reaction at Large-Current-Density. <i>Journal of Physical Chemistry C</i> , 2020, 124, 19595-19602.   | 3.1  | 19        |
| 6  | Low temperature induced highly stable Zn metal anodes for aqueous zinc-ion batteries. <i>Chemical Communications</i> , 2021, 57, 11477-11480.  | 4.1  | 18        |
| 7  | Highly active bifunctional catalyst: Constructing FeWO <sub>4</sub> -WO <sub>3</sub> heterostructure for water and hydrazine oxidation at large current density. <i>Nano Research</i> , 2021, 14, 4356-4361.   | 10.4 | 16        |
| 8  | Thermal oxidation reaction process and oxidation kinetics of abietic acid. <i>RSC Advances</i> , 2015, 5, 17123-17130.   | 3.6  | 13        |
| 9  | Effect of lignin esters on improving the thermal properties of poly(vinyl chloride). <i>Journal of Applied Polymer Science</i> , 2019, 136, 47176.   | 2.6  | 11        |
| 10 | Kinetics of gum rosin oxidation under 365 nm ultraviolet irradiation. <i>Monatshefte für Chemie</i> , 2014, 145, 209-212.  | 1.8  | 10        |
| 11 | Macrolactonization of methyl 15-hydroxypentadecanoate to cyclopentadecanolide over Mo-Fe/HZSM-5 catalyst. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2010, 100, 407.   | 1.7  | 9         |
| 12 | Fabrication of graphite/MgO-reinforced poly(vinyl chloride) composites by mechanical activation with enhanced thermal properties. <i>RSC Advances</i> , 2019, 9, 2116-2124.  | 3.6  | 9         |
| 13 | The adsorption and desorption behavior and mechanism research of cobalt, nickel and copper in nitrite - sulfuric acid system. <i>Separation Science and Technology</i> , 2022, 57, 1848-1859.  | 2.5  | 7         |
| 14 | Graphene incorporated poly(vinyl chloride) composites prepared by mechanical activation with enhanced electrical and thermo-mechanical properties. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48375.   | 2.6  | 5         |
| 15 | Cellulose based hyper-crosslinked polymer for efficiently recovering valuable materials from PO/SM wastewater. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 71-80.   | 7.5  | 5         |
| 16 | Asymmetric bioreduction of p-haloacetophenones by <i>Mucor</i> . <i>Biocatalysis and Biotransformation</i> , 2013, 31, 323-328.  | 2.0  | 0         |