

Haiqiang Shi

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

313
citations

1039406

9
h-index

887659

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19
all docs

19
docs citations

19
times ranked

267
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A combined acidification/PEO flocculation process to improve the lignin removal from the pre-hydrolysis liquor of kraft-based dissolving pulp production process. <i>Bioresource Technology</i> , 2011, 102, 5177-5182. | 4.8 | 92 |
| 2 | Adsorption of Malachite Green by Diatomite: Equilibrium Isotherms and Kinetic Studies. <i>Journal of Dispersion Science and Technology</i> , 2016, 37, 1059-1066. | 1.3 | 42 |
| 3 | A process for isolating lignin of pre-hydrolysis liquor of kraft pulping process based on surfactant and calcium oxide treatments. <i>Biochemical Engineering Journal</i> , 2012, 68, 19-24. | 1.8 | 28 |
| 4 | Highly efficient lignin removal from the waste liquor of chemical pulping with an integrated polyaluminium chloride-assisted acidification/activated carbon adsorption process. <i>Journal of Cleaner Production</i> , 2020, 267, 122005. | 4.6 | 26 |
| 5 | Surface sediments formation during auto-hydrolysis and its effects on the benzene-alcohol extractive, absorbability and chemical pulping properties of hydrolyzed acacia wood chips. <i>Bioresource Technology</i> , 2019, 289, 121604. | 4.8 | 18 |
| 6 | Depolymerization and Activation of Alkali Lignin by Solid Acid-Catalyzed Phenolation for Preparation of Lignin-Based Phenolic Foams. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 14296-14305. | 1.8 | 18 |
| 7 | Diatomite Stabilized KOH: An Efficient Heterogeneous Catalyst for Cyclopentanone Self-Condensation. <i>ChemCatChem</i> , 2021, 13, 916-923. | 1.8 | 15 |
| 8 | Waste Seashells as a Highly Active Catalyst for Cyclopentanone Self-Aldol Condensation. <i>Catalysts</i> , 2019, 9, 661. | 1.6 | 14 |
| 9 | Green solvents-based molecular weight controllable fractionation process for industrial alkali lignin at room temperature. <i>International Journal of Biological Macromolecules</i> , 2022, 207, 531-540. | 3.6 | 13 |
| 10 | Ball-Milling: A Productive, Economical, and Widely Applicable Method for Condensation of Biomass-Derived Aldehydes and Ketones at Mild Temperatures. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8232-8237. | 3.2 | 11 |
| 11 | Balancing the effect of pretreatment severity on hemicellulose extraction and pulping performance during auto-hydrolysis prior to kraft pulping of acacia wood. <i>Biotechnology Progress</i> , 2019, 35, e2784. | 1.3 | 9 |
| 12 | Separation of surface sediments generated during the pre-hydrolysis via an efficient solvent dissolution and its physicochemical characterization. <i>Industrial Crops and Products</i> , 2022, 177, 114462. | 2.5 | 8 |
| 13 | Correlation between physicochemical characteristics of lignin deposited on autohydrolyzed wood chips and their cellulase enzymatic hydrolysis. <i>Bioresource Technology</i> , 2022, 350, 126941. | 4.8 | 7 |
| 14 | Evaluating process of auto-hydrolysis prior to kraft pulping on production of chemical pulp for end used paper-grade products. <i>Journal of Bioresources and Bioproducts</i> , 2022, 7, 180-189. | 11.8 | 4 |
| 15 | A rapid and quantitative method for assessing the whiteness of whitened lignin based on an in-depth analysis of reported methods. <i>International Journal of Biological Macromolecules</i> , 2020, 156, 1483-1490. | 3.6 | 3 |
| 16 | Investigation on the production of formic and acetic acids from lignin by ethanol organosolv treatment at mild conditions. <i>International Journal of Biological Macromolecules</i> , 2019, 131, 329-335. | 3.6 | 2 |
| 17 | Calcinated conch shells combined with Raney Ni as high-performance catalyst for cyclopentanol Guerbet reaction. <i>Journal of Material Cycles and Waste Management</i> , 2021, 23, 804-811. | 1.6 | 2 |
| 18 | Optimization and Analysis of Transparent Bamboo Performance Using Response Surface Methodology (RSM) & Linear Analysis Method. <i>Macromolecular Materials and Engineering</i> , 0, , 2100745. | 1.7 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | DUPLICATE: Evaluating Process of Auto-Hydrolysis Prior to Kraft Pulping on Production of Chemical Pulp for End Used Paper-Grade Products. Journal of Bioresources and Bioproducts, 2022, , . | 11.8 | 0 |