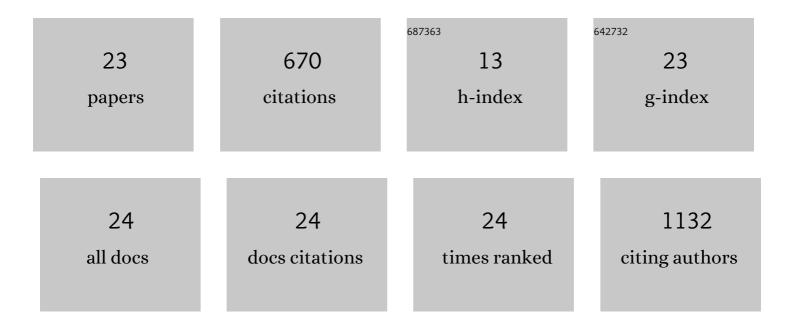


List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7542001/publications.pdf Version: 2024-02-01



Vumli

| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Exploration of solvent casting for designing engineered microstructures for biomedical and functional applications. Journal of the American Ceramic Society, 2022, 105, 1864-1881. | 3.8 | 3 |
| 2 | An integrative cellulose-based composite material with controllable structure and properties for solar-driven water evaporation. Cellulose, 2022, 29, 2461-2477. | 4.9 | 10 |
| 3 | Correlation between the powder characteristics and particle morphology of microcrystalline cellulose (MCC) and its tablet application performance. Powder Technology, 2022, 399, 117194. | 4.2 | 15 |
| 4 | Wheat straw components fractionation, with efficient delignification, by hydrothermal treatment followed by facilitated ethanol extraction. Bioresource Technology, 2020, 316, 123882. | 9.6 | 13 |
| 5 | On the Design of Novel Biofoams Using Lignin, Wheat Straw, and Sugar Beet Pulp as Precursor Material. ACS Omega, 2020, 5, 17078-17089. | 3.5 | 13 |
| 6 | Using fractal dimension and shape factors to characterize the microcrystalline cellulose (MCC) particle morphology and powder flowability. Powder Technology, 2020, 364, 241-250. | 4.2 | 25 |
| 7 | On the Synthesis and Characterization of Polylactic Acid, Polyhydroxyalkanoate, Cellulose Acetate, and Their Engineered Blends by Solvent Casting. Journal of Materials Engineering and Performance, 2020, 29, 5542-5556. | 2.5 | 18 |
| 8 | Effects of acid hydrolysis waste liquid recycle on preparation of microcrystalline cellulose. Green Processing and Synthesis, 2019, 8, 348-354. | 3.4 | 4 |
| 9 | Morphological changes of lignin during separation of wheat straw components by the hydrothermal-ethanol method. Bioresource Technology, 2019, 294, 122157. | 9.6 | 26 |
| 10 | Control of structure and properties of cellulose nanofibrils (CNF)-based foam materials by using ethanol additives prior to freeze-drying. Wood Science and Technology, 2019, 53, 837-854. | 3.2 | 3 |
| 11 | Foam materials with controllable pore structure prepared from nanofibrillated cellulose with addition of alcohols. Industrial Crops and Products, 2018, 125, 314-322. | 5.2 | 12 |
| 12 | Pore structure and pertinent physical properties of nanofibrillated cellulose (NFC)-based foam materials. Carbohydrate Polymers, 2018, 201, 141-150. | 10.2 | 15 |
| 13 | Microbial treatment of industrial lignin: Successes, problems and challenges. Renewable and Sustainable Energy Reviews, 2017, 77, 1179-1205. | 16.4 | 85 |
| 14 | Fungal Biotransformation of Insoluble Kraft Lignin into a Water Soluble Polymer. Industrial & Engineering Chemistry Research, 2017, 56, 6103-6113. | 3.7 | 20 |
| 15 | Production of lignin based insoluble polymers (anionic hydrogels) by C. versicolor. Scientific Reports, 2017, 7, 17507. | 3.3 | 16 |
| 16 | Metals in the Environment: Toxic Metals Removal. Bioinorganic Chemistry and Applications, 2017, 2017, 1-2. | 4.1 | 29 |
| 17 | Synthesis and Tribological Behavior of Ultra High Molecular Weight Polyethylene (UHMWPE)-Lignin Composites. Lubricants, 2016, 4, 31. | 2.9 | 2 |
| 18 | Biodegradation of lignin by fungi, bacteria and laccases. Bioresource Technology, 2016, 220, 414-424. | 9.6 | 90 |

Yun Ji

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Determining the kinetics of sunflower hulls using dilute acid pretreatment in the production of xylose and furfural. Green Processing and Synthesis, 2014, 3, . | 3.4 | 4 |
| 20 | Kenaf biomass biodecomposition by basidiomycetes and actinobacteria in submerged fermentation for production of carbohydrates and phenolic compounds. Bioresource Technology, 2014, 173, 352-360. | 9.6 | 20 |
| 21 | Converting forage sorghum and sunn hemp into biofuels through dilute acid pretreatment. Industrial Crops and Products, 2013, 49, 598-609. | 5.2 | 49 |
| 22 | Recent Development in Chemical Depolymerization of Lignin: A Review. Hindawi Journal of Chemistry, 2013, 2013, 1-9. | 1.6 | 189 |
| 23 | Pretreatment and Enzymatic Hydrolysis of Kenaf as a Potential Source for Lignocellulosic Biofuel and Green Chemicals. Current Organic Chemistry, 2013, 17, 1624-1632. | 1.6 | 5 |