

Yanna Lv

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

177
citations

1040056

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h-index

1125743

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all docs

13
docs citations

13
times ranked

153
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Efficient Extraction and Structural Characterization of Hemicellulose from Sugarcane Bagasse Pith. <i>Polymers</i> , 2020, 12, 608. | 4.5 | 26 |
| 2 | Improving air barrier, water vapor permeability properties of cellulose paper by layer-by-layer assembly of graphene oxide. <i>Carbohydrate Polymers</i> , 2021, 253, 117227. | 10.2 | 24 |
| 3 | Improving enzymatic hydrolysis efficiency of corncob residue through sodium sulfite pretreatment. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 7795-7804. | 3.6 | 21 |
| 4 | Environmental impacts of functional fillers in polylactide (PLA)-based bottles using life cycle assessment methodology. <i>Science of the Total Environment</i> , 2021, 788, 147852. | 8.0 | 21 |
| 5 | Preparation of polyacrylic acid-grafted-acryloyl/hemicellulose (PAA-g-AH) hybrid films with high oxygen barrier performance. <i>Carbohydrate Polymers</i> , 2019, 205, 83-88. | 10.2 | 18 |
| 6 | The impact of packaging recyclable ability on environment: Case and scenario analysis of polypropylene express boxes and corrugated cartons. <i>Science of the Total Environment</i> , 2022, 822, 153650. | 8.0 | 18 |
| 7 | Fabrication of the superhydrophobic natural cellulosic paper with different wettability and oil/water separation application. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50371. | 2.6 | 10 |
| 8 | Study on the derivation of cassava residue and its application in surface sizing. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 80-84. | 7.5 | 9 |
| 9 | High-performance cellulose acetate-based gas barrier films via tailoring reduced graphene oxide nanosheets. <i>International Journal of Biological Macromolecules</i> , 2022, 209, 1450-1456. | 7.5 | 9 |
| 10 | Active Biodegradable Polyvinyl Alcohol/Hemicellulose/Tea Polyphenol Films with Excellent Moisture Resistance Prepared via Ultrasound Assistance for Food Packaging. <i>Coatings</i> , 2021, 11, 219. | 2.6 | 7 |
| 11 | Balancing the decomposable behavior and wet tensile mechanical property of cellulose-based wet wipe substrates by the aqueous adhesive. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 1898-1907. | 7.5 | 6 |
| 12 | Synergistic effects of (3-mercaptopropyl)trimethoxysilane and citric acid on the improvement of water vapor barrier performance of polyvinyl alcohol/xylan packaging films. <i>Industrial Crops and Products</i> , 2021, 171, 113822. | 5.2 | 5 |
| 13 | Design and mechanism of controllable respiration polyamideamine-epichlorohydrin modified sugarcane bagasse pith hemicellulose film. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50653. | 2.6 | 3 |