

Anupama Kaushik

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

594
citations

1162367

8
h-index

1372195

10
g-index

10
all docs

10
docs citations

10
times ranked

935
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation and characterization of cellulose nanofibrils from wheat straw using steam explosion coupled with high shear homogenization. <i>Carbohydrate Research</i> , 2011, 346, 76-85.	1.1	294
2	Simultaneous extraction of lignin and cellulose nanofibrils from waste jute bags using one pot pre-treatment. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1294-1301.	3.6	67
3	Surface functionalization of nanofibrillated cellulose extracted from wheat straw: Effect of process parameters. <i>Carbohydrate Polymers</i> , 2016, 150, 48-56.	5.1	66
4	Green and novel adsorbent from rice straw extracted cellulose for efficient adsorption of Hg (II) ions in an aqueous medium. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 194-203.	3.6	55
5	Encrustation of cadmium sulfide nanoparticles into the matrix of biomass derived silanized cellulose nanofibers for adsorptive detoxification of pesticide and textile waste. <i>Chemical Engineering Journal</i> , 2020, 385, 123700.	6.6	30
6	Fractionation and physicochemical characterization of lignin from waste jute bags: Effect of process parameters on yield and thermal degradation. <i>International Journal of Biological Macromolecules</i> , 2017, 97, 403-410.	3.6	29
7	Thermoplastic starch nanocomposites reinforced with cellulose nanocrystals: effect of plasticizer on properties. <i>Composite Interfaces</i> , 2016, 23, 701-717.	1.3	24
8	Thermal stability of starch bionanocomposites films: Exploring the role of esterified cellulose nanofibers isolated from crop residue. <i>Carbohydrate Polymers</i> , 2021, 255, 117466.	5.1	15
9	Castor oil/trimethylol propane based polyurethane reactions: Modeling in a batch reactor. <i>Journal of Applied Polymer Science</i> , 2012, 125, E51.	1.3	9
10	Water soluble glutathione Cds QDs with exceptional antimicrobial properties synthesized via green route for fluorescence sensing of fluoroquinolones. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 1082-1090.	1.6	5