

Seyed Rahman Djafari Petroudy

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Environmentally friendly superabsorbent fibers based on electrospun cellulose nanofibers extracted from wheat straw. <i>Carbohydrate Polymers</i> , 2021, 251, 117087.	5.1	28
2	Recent Advances in Cellulose Nanofibers Preparation through Energy-Efficient Approaches: A Review. <i>Energies</i> , 2021, 14, 6792.	1.6	32
3	Comparative study of cellulose and lignocellulose nanopapers prepared from hard wood pulps: Morphological, structural and barrier properties. <i>International Journal of Biological Macromolecules</i> , 2019, 135, 512-520.	3.6	13
4	Multilayer assembly of ionic starches on old corrugated container recycled cellulosic fibers. <i>Polymer International</i> , 2018, 67, 85-90.	1.6	4
5	Comparative Study of Xylan Extracted by Sodium and Potassium Hydroxides (NaOH and KOH) from Bagasse Pulp: Characterization and Morphological Properties. <i>Journal of Polymers and the Environment</i> , 2018, 26, 3710-3717.	2.4	3
6	Eco-friendly superabsorbent polymers based on carboxymethyl cellulose strengthened by TEMPO-mediated oxidation wheat straw cellulose nanofiber. <i>Carbohydrate Polymers</i> , 2018, 197, 565-575.	5.1	52
7	Sugarcane Bagasse Paper Reinforced by Cellulose Nanofiber (CNF) and Bleached Softwood Kraft (BSWK) Pulp. <i>Journal of Polymers and the Environment</i> , 2017, 25, 203-213.	2.4	16
8	Oriented Cellulose Nanopaper (OCNP) based on bagasse cellulose nanofibrils. <i>Carbohydrate Polymers</i> , 2017, 157, 1883-1891.	5.1	23
9	Physical and mechanical properties of natural fibers. , 2017, , 59-83.		135
10	Removal of nitrate from aqueous solution using nanocrystalline cellulose. <i>International Journal of Environmental Health Engineering</i> , 2016, 5, 17.	0.4	13
11	The effect of xylan on the fibrillation efficiency of DED bleached soda bagasse pulp and on nanopaper characteristics. <i>Cellulose</i> , 2015, 22, 385-395.	2.4	22
12	Effects of bagasse microfibrillated cellulose and cationic polyacrylamide on key properties of bagasse paper. <i>Carbohydrate Polymers</i> , 2014, 99, 311-318.	5.1	98