

Seyed Rahman Djafari Petroudy

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

273
citations

8
h-index

12
g-index

12
ext. papers

346
ext. citations

6.3
avg, IF

4.18
L-index

#	Paper	IF	Citations
12	Effects of bagasse microfibrillated cellulose and cationic polyacrylamide on key properties of bagasse paper. <i>Carbohydrate Polymers</i> , 2014 , 99, 311-8	10.3	84
11	Physical and mechanical properties of natural fibers 2017 , 59-83		77
10	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 ^{10.3}	10.3	32
9	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	5.5	20
8	Oriented Cellulose Nanopaper (OCNP) based on bagasse cellulose nanofibrils. <i>Carbohydrate Polymers</i> , 2017 , 157, 1883-1891	10.3	20
7	Environmentally friendly superabsorbent fibers based on electrospun cellulose nanofibers extracted from wheat straw. <i>Carbohydrate Polymers</i> , 2021 , 251, 117087	10.3	12
6	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	4.5	9
5	Removal of nitrate from aqueous solution using nanocrystalline cellulose. <i>International Journal of Environmental Health Engineering</i> , 2016 , 5, 17	0.3	9
4	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	7.9	6
3	Multilayer assembly of ionic starches on old corrugated container recycled cellulosic fibers. <i>Polymer International</i> , 2018 , 67, 85-90	3.3	2
2	Recent Advances in Cellulose Nanofibers Preparation through Energy-Efficient Approaches: A Review. <i>Energies</i> , 2021 , 14, 6792	3.1	1
1	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	4.5	1