

Seyed Rahman Djafari Petroudy

List of Publications by Year in descending order

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12
papers

439
citations

1039406

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1281420

11
g-index

12
all docs

12
docs citations

12
times ranked

568
citing authors

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