

Enas A Hassan

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.

21
papers

1,094
citations

17
h-index

21
g-index

21
ext. papers

1,228
ext. citations

5.2
avg, IF

4.45
L-index

#	Paper	IF	Citations
21	Mechanical, barrier, and biodegradability properties of bagasse cellulose whiskers reinforced natural rubber nanocomposites. <i>Industrial Crops and Products</i> , 2010 , 32, 627-633	5.9	280
20	Development of wheat gluten/nanocellulose/titanium dioxide nanocomposites for active food packaging. <i>Carbohydrate Polymers</i> , 2015 , 124, 337-46	10.3	180
19	Nanofibers from bagasse and rice straw: process optimization and properties. <i>Wood Science and Technology</i> , 2012 , 46, 193-205	2.5	120
18	Chitosan nanoparticles/cellulose nanocrystals nanocomposites as a carrier system for the controlled release of repaglinide. <i>International Journal of Biological Macromolecules</i> , 2018 , 111, 604-613	7.9	64
17	Effect of pretreatment of bagasse fibers on the properties of chitosan/microfibrillated cellulose nanocomposites. <i>Journal of Materials Science</i> , 2011 , 46, 1732-1740	4.3	62
16	Membranes Based on Cellulose Nanofibers and Activated Carbon for Removal of Escherichia coli Bacteria from Water. <i>Polymers</i> , 2017 , 9,	4.5	50
15	Enzyme-assisted isolation of microfibrillated cellulose from date palm fruit stalks. <i>Industrial Crops and Products</i> , 2014 , 55, 102-108	5.9	49
14	Use of ZnO nanoparticles for protecting oil paintings on paper support against dirt, fungal attack, and UV aging. <i>Journal of Cultural Heritage</i> , 2014 , 15, 165-172	2.9	45
13	Effect of xylanase pretreatment of rice straw unbleached soda and neutral sulfite pulps on isolation of nanofibers and their properties. <i>Cellulose</i> , 2018 , 25, 2939-2953	5.5	33
12	Use of Cellulose and Oxidized Cellulose Nanocrystals from Olive Stones in Chitosan Bionanocomposites. <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-11	3.2	31
11	Rice straw nanofibrillated cellulose films with antimicrobial properties via supramolecular route. <i>Industrial Crops and Products</i> , 2016 , 93, 142-151	5.9	30
10	Use of Bacterial Cellulose and Crosslinked Cellulose Nanofibers Membranes for Removal of Oil from Oil-in-Water Emulsions. <i>Polymers</i> , 2017 , 9,	4.5	28
9	Polycaprolactone/modified bagasse whisker nanocomposites with improved moisture-barrier and biodegradability properties. <i>Journal of Applied Polymer Science</i> , 2012 , 125, E10-E19	2.9	28
8	New supramolecular metallo-terpyridine carboxymethyl cellulose derivatives with antimicrobial properties. <i>Carbohydrate Polymers</i> , 2015 , 116, 2-8	10.3	25
7	Palm rachis microfibrillated cellulose and oxidized-microfibrillated cellulose for improving paper sheets properties of unbeaten softwood and bagasse pulps. <i>Industrial Crops and Products</i> , 2015 , 64, 9-15	5.9	24
6	Improving cellulose/polypropylene nanocomposites properties with chemical modified bagasse nanofibers and maleated polypropylene. <i>Journal of Reinforced Plastics and Composites</i> , 2014 , 33, 26-36	2.9	23
5	Metallo-Terpyridine-Modified Cellulose Nanofiber Membranes for Papermaking Wastewater Purification. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2018 , 28, 439-447	3.2	17

4	Effect of pectin extraction method on properties of cellulose nanofibers isolated from sugar beet pulp. <i>Cellulose</i> , 2021 , 28, 10905-10920	5.5	2
3	Rice straw paper sheets reinforced with bleached or unbleached nanofibers. <i>Nordic Pulp and Paper Research Journal</i> , 2021 , 36, 139-148	1.1	2
2	New pectin derivatives with antimicrobial and emulsification properties via complexation with metal-terpyridines. <i>Carbohydrate Polymers</i> , 2021 , 268, 118230	10.3	1
1	Use of sugar beet cellulose nanofibers for paper coating. <i>Industrial Crops and Products</i> , 2022 , 180, 114783.9	3.9	0