

Malladi Nagalakshmaiah

List of Publications by Year in descending order

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13
papers

778
citations

1163117

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1474206

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14
all docs

14
docs citations

14
times ranked

1198
citing authors

#	ARTICLE	IF	CITATIONS
1	Importance of Agricultural and Industrial Waste in the Field of Nanocellulose and Recent Industrial Developments of Wood Based Nanocellulose: A Review. ACS Sustainable Chemistry and Engineering, 2018, 6, 2807-2828.	6.7	347
2	Ionic Compatibilization of Cellulose Nanocrystals with Quaternary Ammonium Salt and Their Melt Extrusion with Polypropylene. ACS Applied Materials & Interfaces, 2016, 8, 8755-8764.	8.0	103
3	Structural investigation of cellulose nanocrystals extracted from chili leftover and their reinforcement in cariflex-IR rubber latex. Carbohydrate Polymers, 2016, 136, 945-954.	10.2	61
4	Microscopic Techniques for the Analysis of Micro and Nanostructures of Biopolymers and Their Derivatives. Polymers, 2020, 12, 512.	4.5	59
5	Surface adsorption of triblock copolymer (PEO- <i>b</i> -PPO- <i>b</i> -PEO) on cellulose nanocrystals and their melt extrusion with polyethylene. RSC Advances, 2016, 6, 66224-66232.	3.6	50
6	Biocomposites. , 2019, , 197-215.		48
7	Isolation of cellulose-II nanospheres from flax stems and their physical and morphological properties. Carbohydrate Polymers, 2017, 178, 352-359.	10.2	35
8	Melt extrusion of polystyrene reinforced with cellulose nanocrystals modified using poly[(styrene)- <i>co</i> -(2-ethylhexyl acrylate)] latex particles. European Polymer Journal, 2017, 91, 297-306.	5.4	33
9	Homogenous and transparent nanocellulosic films from carrot. Industrial Crops and Products, 2018, 118, 53-64.	5.2	25
10	Single stage purification of flax, hemp, and milkweed stem and their physical and morphological properties. International Journal of Polymer Analysis and Characterization, 2018, 23, 78-88.	1.9	9
11	Cellulose Nanocrystals-Based Nanocomposites. , 2019, , 49-65.		7
12	Structural Properties of Protein and Their Role in Polymer Nanocomposites. , 2019, , 217-232.		1
13	Nanocellulose. , 2022, , 119-141.		0