

Vinay Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

577
citations

840585

11
h-index

996849

15
g-index

15
all docs

15
docs citations

15
times ranked

789
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of nano- and microfibrillated cellulose films. <i>Cellulose</i> , 2014, 21, 3443-3456.	2.4	151
2	Roll-to-Roll Processed Cellulose Nanofiber Coatings. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 3603-3613.	1.8	93
3	Rheology of cellulose nanofibers suspensions: Boundary driven flow. <i>Journal of Rheology</i> , 2016, 60, 1151-1159.	1.3	84
4	Conductivity of PEDOT:PSS on Spin-Coated and Drop Cast Nanofibrillar Cellulose Thin Films. <i>Nanoscale Research Letters</i> , 2015, 10, 386.	3.1	46
5	Transparent nanocellulose-pigment composite films. <i>Journal of Materials Science</i> , 2015, 50, 7343-7352.	1.7	43
6	Continuous roll-to-roll coating of cellulose nanocrystals onto paperboard. <i>Cellulose</i> , 2018, 25, 6055-6069.	2.4	35
7	Substrate role in coating of microfibrillated cellulose suspensions. <i>Cellulose</i> , 2017, 24, 1247-1260.	2.4	24
8	Rheological behavior of high consistency enzymatically fibrillated cellulose suspensions. <i>Cellulose</i> , 2021, 28, 2087-2104.	2.4	23
9	Viability and properties of roll-to-roll coating of cellulose nanofibrils on recycled paperboard. <i>Nordic Pulp and Paper Research Journal</i> , 2017, 32, 179-188.	0.3	21
10	Terahertz complex conductivity of nanofibrillar cellulose-PEDOT:PSS composite films. <i>Cellulose</i> , 2019, 26, 3247-3253.	2.4	16
11	Thermoresponsive Nanocellulose Films as an Optical Modulation Device: Proof-of-Concept. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 25346-25356.	4.0	16
12	L-Lysine templated CaCO ₃ precipitated to flax develops flowery crystal structures that improve the mechanical properties of natural fibre reinforced composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2015, 75, 84-88.	3.8	11
13	Conductive nanographiteâ€“nanocellulose coatings on paper. <i>Flexible and Printed Electronics</i> , 2017, 2, 035002.	1.5	10
14	Microfibrillated Cellulose Based Barrier Coatings for Abrasive Paper Products. <i>Coatings</i> , 2020, 10, 1108.	1.2	2
15	Slot die coating of nanocellulose on paperboard. <i>Tappi Journal</i> , 2018, 17, 11-19.	0.2	2