Vinay Kumar

List of Publications by Year in Descending Order

15 papers	424 citations	10 h-index	15 g-index
15 ext. papers	514 ext. citations	4.6 avg, IF	3.59 L-index

#	Paper	IF	Citations
15	Thermoresponsive Nanocellulose Films as an Optical Modulation Device: Proof-of-Concept. *ACS Applied Materials & Interfaces*, **2021**, 13, 25346-25356	9.5	4
14	Rheological behavior of high consistency enzymatically fibrillated cellulose suspensions. *Cellulose*, **2021**, 28, 2087-2104	5.5	7
13	Microfibrillated Cellulose Based Barrier Coatings for Abrasive Paper Products. *Coatings*, **2020**, 10, 1108	2.9	1
12	Terahertz complex conductivity of nanofibrillar cellulose-PEDOT:PSS composite films. *Cellulose*, **2019**, 26, 3247-3253	5.5	12
11	Continuous roll-to-roll coating of cellulose nanocrystals onto paperboard. *Cellulose*, **2018**, 25, 6055-6069	5.5	26
10	Slot die coating of nanocellulose on paperboard. *Tappi Journal*, **2018**, 17, 11-19	0.5	1
9	Substrate role in coating of microfibrillated cellulose suspensions. *Cellulose*, **2017**, 24, 1247-1260	5.5	22
8	Viability and properties of roll-to-roll coating of cellulose nanofibrils on recycled paperboard. *Nordic Pulp and Paper Research Journal*, **2017**, 32, 179-188	1.1	16
7	Conductive nanographite–nanocellulose coatings on paper. *Flexible and Printed Electronics*, **2017**, 2, 035002	3.1	7
6	Roll-to-Roll Processed Cellulose Nanofiber Coatings. *Industrial & Engineering Chemistry Research*, **2016**, 55, 3603-3613	3.9	72
5	Rheology of cellulose nanofibers suspensions: Boundary driven flow. *Journal of Rheology*, **2016**, 60, 1151-1159	4.1	67
4	l-Lysine templated CaCO3 precipitated to flax develops flowery crystal structures that improve the mechanical properties of natural fibre reinforced composites. *Composites Part A: Applied Science and Manufacturing*, **2015**, 75, 84-88	8.4	10
3	Transparent nanocellulose-pigment composite films. *Journal of Materials Science*, **2015**, 50, 7343-7352	4.3	35
2	Conductivity of PEDOT:PSS on Spin-Coated and Drop Cast Nanofibrillar Cellulose Thin Films. *Nanoscale Research Letters*, **2015**, 10, 386	5	34
1	Comparison of nano- and microfibrillated cellulose films. *Cellulose*, **2014**, 21, 3443-3456	5.5	110