

# Surendra Singh Gaur

## List of Publications by Year in descending order

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9  
papers

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1478505

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Reactive Extrusion of Polylactic Acid/Cellulose Nanocrystal Films for Food Packaging Applications: Influence of Filler Type on Thermomechanical, Rheological, and Barrier Properties. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 4718-4735.	3.7	76
2	Thermo-mechanically stable sustainable polymer based solid electrolyte membranes for direct methanol fuel cell applications. <i>Journal of Membrane Science</i> , 2017, 526, 348-354.	8.2	32
3	Cellulose Nanocrystal Templated Graphene Nanoscrolls for High Performance Supercapacitors and Hydrogen Storage: An Experimental and Molecular Simulation Study. <i>Scientific Reports</i> , 2018, 8, 3886.	3.3	30
4	Self-propelled cellulose nanocrystal based catalytic nanomotors for targeted hyperthermia and pollutant remediation applications. <i>International Journal of Biological Macromolecules</i> , 2020, 158, 1020-1036.	7.5	27
5	Crosslinked poly(vinyl alcohol) membrane as separator for domestic wastewater fed dual chambered microbial fuel cells. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 7073-7086.	7.1	20
6	Chemomechanical, morphological, and rheological studies of chitosan- <i>graft</i> -lactic acid oligomer reinforced poly(lactic acid) bionanocomposite films. <i>Journal of Applied Polymer Science</i> , 2018, 135, 45546.	2.6	13
7	Ion transfer channel network formed by flower and rod shape crystals of hair hydrolysate in poly(vinyl alcohol) matrix and its application as anion exchange membrane in fuel cells. <i>Journal of Colloid and Interface Science</i> , 2021, 587, 214-228.	9.4	7
8	Prospects of poly (vinyl alcohol)/Chitosan/poly (styrene sulfonic acid) and montmorillonite Cloisite®30B clay composite membrane for direct methanol fuel cells. <i>Journal of Renewable and Sustainable Energy</i> , 2014, 6, 053135.	2.0	5
9	Fabrication and characterization of clay nanoscrolls and stable zerovalent iron using montmorillonite. <i>Applied Clay Science</i> , 2020, 193, 105670.	5.2	2