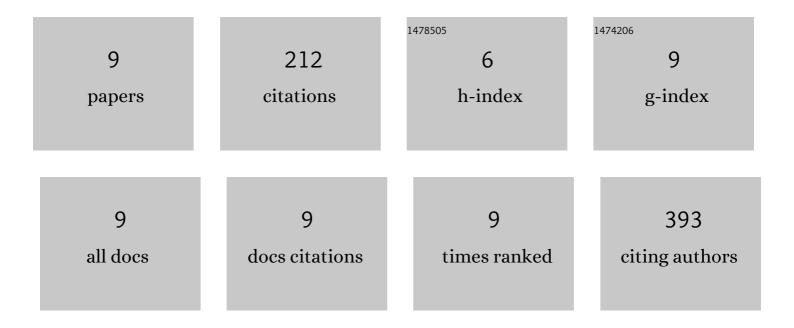
Surendra Singh Gaur

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11152314/publications.pdf Version: 2024-02-01



#	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. Industrial & Engineering Chemistry Research, 2017, 56, 4718-4735.	3.7	76
2	Thermo-mechanically stable sustainable polymer based solid electrolyte membranes for direct methanol fuel cell applications. Journal of Membrane Science, 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. Scientific Reports, 2018, 8, 3886.	3.3	30
4	Self-propelled cellulose nanocrystal based catalytic nanomotors for targeted hyperthermia and pollutant remediation applications. International Journal of Biological Macromolecules, 2020, 158, 1020-1036.	7.5	27
5	Crosslinked poly(vinyl alcohol) membrane as separator for domestic wastewater fed dual chambered microbial fuel cells. International Journal of Hydrogen Energy, 2021, 46, 7073-7086.	7.1	20
6	Chemomechanical, morphological, and rheological studies of chitosanâ€ <i>graft</i> ″actic acid oligomer reinforced poly(lactic acid) bionanocomposite films. Journal of Applied Polymer Science, 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. Journal of Colloid and Interface Science, 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. Journal of Renewable and Sustainable Energy, 2014, 6, 053135.	2.0	5
9	Fabrication and characterization of clay nanoscrolls and stable zerovalent iron using montmorillonite. Applied Clay Science, 2020, 193, 105670.	5.2	2