

# Shuvra Singha

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

727  
citations

759233

12  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

699  
citing authors

#	ARTICLE	IF	CITATIONS
1	An in-situ RAFT polymerization technique for the preparation of poly(N-vinyl imidazole) modified Cloisite nanoclay to develop nanocomposite PEM. <i>Polymer</i> , 2021, 212, 123175.	3.8	14
2	Potential natural polymer-based nanofibres for the development of facemasks in countering viral outbreaks. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50658.	2.6	41
3	Novel Bioplastic from Single Cell Protein as a Potential Packaging Material. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 6337-6346.	6.7	19
4	Plant Cuticle-Inspired Polyesters as Promising Green and Sustainable Polymer Materials. <i>ACS Applied Polymer Materials</i> , 2021, 3, 4088-4100.	4.4	6
5	Circular economy in biocomposite development: State-of-the-art, challenges and emerging trends. <i>Composites Part C: Open Access</i> , 2021, 5, 100138.	3.2	79
6	A Review on Barrier Properties of Poly(Lactic Acid)/Clay Nanocomposites. <i>Polymers</i> , 2020, 12, 1095.	4.5	65
7	Proton exchange membrane prepared by blending polybenzimidazole with poly (aminophosphonate) Tj ETQq1 1 0.784314 rgBT /Overlock 13	4.8	13
8	Grafting of vinylimidazolium-type poly(ionic liquid) on silica nanoparticle through RAFT polymerization for constructing nanocomposite based PEM. <i>Polymer</i> , 2020, 195, 122458.	3.8	48
9	Polybenzimidazole-Clay Nanocomposite Membrane for PEM fuel cell: Effect of organomodifier structure. <i>Polymer</i> , 2019, 167, 13-20.	3.8	42
10	Highly efficient sulfonated polybenzimidazole as a proton exchange membrane for microbial fuel cells. <i>Journal of Power Sources</i> , 2016, 317, 143-152.	7.8	90
11	Self-Assembly of Nanofillers in Improving the Performance of Polymer Electrolyte Membrane. <i>Macromolecular Symposia</i> , 2016, 369, 49-55.	0.7	6
12	Influence of interfacial interactions on the properties of polybenzimidazole/clay nanocomposite electrolyte membrane. <i>Polymer</i> , 2016, 98, 20-31.	3.8	38
13	Low acid leaching PEM for fuel cell based on polybenzimidazole nanocomposites with protic ionic liquid modified silica. <i>Polymer</i> , 2015, 66, 76-85.	3.8	95
14	Effect of composition on the properties of PEM based on polybenzimidazole and poly(vinylidene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	3.8	56
15	Structure and Properties of Polybenzimidazole/Silica Nanocomposite Electrolyte Membrane: Influence of Organic/Inorganic Interface. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 21286-21296.	8.0	115