

Noor Saadiah Mohd Ali

List of Publications by Year in descending order

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17
papers

548
citations

840776

11
h-index

888059

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all docs

17
docs citations

17
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	Reducing crystallinity on thin film based CMC/PVA hybrid polymer for application as a host in polymer electrolytes. <i>Journal of Non-Crystalline Solids</i> , 2019, 511, 201-211.	3.1	139
2	Biosorption of azo-dye using marine macro-alga of <i>Euchema Spinosum</i> . <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 5721-5731.	6.7	69
3	An investigation on the abnormal trend of the conductivity properties of CMC/PVA-doped NH ₄ Cl-based solid biopolymer electrolyte system. <i>Ionics</i> , 2019, 25, 2657-2667.	2.4	59
4	Investigation on favourable ionic conduction based on CMC-K carrageenan proton conducting hybrid solid bio-polymer electrolytes for applications in EDLC. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 8727-8741.	7.1	45
5	Proton (H ⁺) transport properties of CMC-PVA blended polymer solid electrolyte doped with NH ₄ NO ₃ . <i>International Journal of Hydrogen Energy</i> , 2020, 45, 14880-14896.	7.1	38
6	Ionic conduction study of enhanced amorphous solid bio-polymer electrolytes based carboxymethyl cellulose doped NH ₄ Br. <i>Journal of Non-Crystalline Solids</i> , 2018, 497, 19-29.	3.1	37
7	Characterization of an amorphous materials hybrid polymer electrolyte based on a LiNO ₃ -doped, CMC-PVA blend for application in an electrical double layer capacitor. <i>Materials Chemistry and Physics</i> , 2020, 253, 123312.	4.0	31
8	Enhancing proton conductivity of sodium alginate doped with glycolic acid in bio-based polymer electrolytes system. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	29
9	Ionic transport studies of solid bio-polymer electrolytes based on carboxymethyl cellulose doped with ammonium acetate and its potential application as an electrical double layer capacitor. <i>EXPRESS Polymer Letters</i> , 2020, 14, 619-637.	2.1	24
10	Electrical study on Carboxymethyl Cellulose-Polyvinyl alcohol based bio-polymer blend electrolytes. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 342, 012045.	0.6	22
11	Characterization on conduction properties of carboxymethyl cellulose/kappa carrageenan blend-based polymer electrolyte system. <i>International Journal of Polymer Analysis and Characterization</i> , 2018, 23, 321-330.	1.9	18
12	Enhancement of proton conduction in carboxymethyl cellulose-polyvinyl alcohol employing polyethylene glycol as a plasticizer. <i>Bulletin of Materials Science</i> , 2020, 43, 1.	1.7	9
13	Irregularities trend in electrical conductivity of CMC/PVA-NH ₄ Cl based solid biopolymer electrolytes. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	8
14	Study on ionic conduction of solid bio-polymer hybrid electrolytes based carboxymethyl cellulose (CMC)/polyvinyl alcohol (PVA) doped NH ₄ NO ₃ . <i>AIP Conference Proceedings</i> , 2018, , .	0.4	8
15	Electrochemical Properties of CMC-PVA Polymer Blend Electrolyte for Solid State Electric Double Layer Capacitors. <i>Journal of Electronic Materials</i> , 2021, 50, 303-313.	2.2	5
16	Ionic Conductivity of Alginate-NH ₄ Cl Polymer Electrolyte. <i>Makara Journal of Technology</i> , 2020, 24, 125.	0.3	4
17	Ethylene Carbonate and Polyethylene Glycol as Efficient Plasticizers in CMC-PVA-NH ₄ NO ₃ -Based Polymer Electrolyte. <i>Makara Journal of Technology</i> , 2020, 24, 13.	0.3	3