

# Noor Saadiah Mohd Ali

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/212503/publications.pdf>

Version: 2024-02-01

17  
papers

548  
citations

840776

11  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

431  
citing authors

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