

P Perumal

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

187
citations

6
h-index

11
g-index

11
ext. papers

265
ext. citations

2.7
avg, IF

3.5
L-index

#	Paper	IF	Citations
11	Synthesis and characterization of biopolymer electrolyte based on tamarind seed polysaccharide, lithium perchlorate and ethylene carbonate for electrochemical applications. <i>Ionics</i> , 2019 , 25, 1067-1082	2.7	58
10	Characterization of biopolymer pectin with lithium chloride and its applications to electrochemical devices. <i>Ionics</i> , 2018 , 24, 3259-3270	2.7	34
9	Study of proton-conducting polymer electrolyte based on K-carrageenan and NH ₄ SCN for electrochemical devices. <i>Ionics</i> , 2018 , 24, 3535-3542	2.7	24
8	Plasticizer incorporated, novel eco-friendly bio-polymer based solid bio-membrane for electrochemical clean energy applications. <i>Polymer Degradation and Stability</i> , 2019 , 159, 43-53	4.7	24
7	Tamarind seed polysaccharide biopolymer membrane for lithium-ion conducting battery. <i>Ionics</i> , 2018 , 24, 3793-3803	2.7	20
6	Bio-host pectin complexed with dilithium borate based solid electrolytes for polymer batteries. <i>Materials Research Express</i> , 2019 , 6, 115513	1.7	9
5	Red algae-derived k-carrageenan-based proton-conducting electrolytes for the wearable electrical devices. <i>Journal of Solid State Electrochemistry</i> , 2020 , 24, 2249-2260	2.6	6
4	Free-standing, high Li-ion conducting hybrid PAN/PVdF/LiClO ₄ /Li _{0.5} La _{0.5} TiO ₃ nanocomposite solid polymer electrolytes for all-solid-state batteries. <i>Journal of Solid State Electrochemistry</i> , 2021 , 25, 905-917	2.6	6
3	Tamarind seed polysaccharide biopolymer-assisted synthesis of spinel zinc iron oxide as a promising alternate anode material for lithium-ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 10593-10604	2.1	3
2	Green synthesized spinel lithium titanate nano anode material using Aloe Vera extract for potential application to lithium ion batteries. <i>Journal of Science: Advanced Materials and Devices</i> , 2020 , 5, 346-353	4.2	3
1	A short investigation on LiMn ₂ O ₄ wrapped with MWCNT as composite cathode for lithium-ion batteries. <i>Bulletin of Materials Science</i> , 2021 , 44, 1	1.7	