

Achchhe lal saroj

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4198929/publications.pdf>

Version: 2024-02-01

12
papers

220
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

238
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of ionic liquid incorporation on ionic transport and dielectric properties of PEO-lithium salt-based quasi-solid-state electrolytes: role of ion-pairing. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 1641-1656.	2.2	6
2	Effect of SiO ₂ Nano-particles on Plasticized Polymer Blend Electrolytes: Vibrational, Thermal, and Ionic Conductivity Study. <i>Polymer-Plastics Technology and Materials</i> , 2021, 60, 298-305.	1.3	6
3	Study of optoelectronic and thermoelectric spectra of Tl(Nd/Gd)S ₂ . <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 727-744.	2.2	1
4	Structural, thermal, and ion dynamics studies of PVA-CS-NaI-based biopolymer electrolyte films. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 1727-1741.	2.5	21
5	Effect of ionic liquid on structural, thermal and electrical transport properties of PVA-PVP based polymer blend electrolyte membrane. <i>Physica Scripta</i> , 2021, 96, 115701.	2.5	4
6	Ion transport mechanism and dielectric relaxation behavior of PVA-imidazolium ionic liquid-based polymer electrolytes. <i>Physica Scripta</i> , 2019, 94, 105801.	2.5	15
7	Chitosan-PEG-NaI based bio-polymer electrolytes: structural, thermal and ion dynamics studies. <i>Materials Research Express</i> , 2019, 6, 125360.	1.6	20
8	Studies on PVA/AgI-based polymeric membranes for exploration of antibacterial activity. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 258-265.	3.4	2
9	Structural, thermal and electrical transport behaviour of polymer electrolytes based on PVA and imidazolium based ionic liquid. <i>Journal of Non-Crystalline Solids</i> , 2017, 473, 87-95.	3.1	47
10	Isothermal and non-isothermal crystallization kinetics of PVA + ionic liquid [BDMIM][BF ₄]-based polymeric films. <i>Phase Transitions</i> , 2016, 89, 578-597.	1.3	14
11	Studies on structural, thermal and AC conductivity scaling of PEO-LiPF ₆ polymer electrolyte with added ionic liquid [BMIMPF ₆]. <i>AIP Advances</i> , 2015, 5, .	1.3	64
12	Role of ionic liquid [BMIMPF ₆] in modifying the crystallization kinetics behavior of the polymer electrolyte PEO-LiClO ₄ . <i>RSC Advances</i> , 2015, 5, 8263-8277.	3.6	20