

Achchhe lal saroj

List of Publications by Year in descending order

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