

Pulak Pal

List of Publications by Year in descending order

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papers

362
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949033

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#	ARTICLE	IF	CITATIONS
1	Ion Transport and Segmental Dynamics in Cross-linked Poly(ethylene glycol) Diacrylate-Based Solid-like Polymer Electrolytes. <i>Journal of Physical Chemistry C</i> , 2022, 126, 4799-4806.	1.5	7
2	Ion transport and relaxation in phosphonium poly(ionic liquid) homo- and copolymers. <i>Journal of Polymer Science</i> , 2021, 59, 1556-1570.	2.0	5
3	Ionic conduction and relaxation mechanisms in three-dimensional CsPbCl ₃ perovskite. <i>Journal of Applied Physics</i> , 2021, 129, .	1.1	14
4	Broadband dielectric spectroscopy of BMPTFSI ionic liquid doped solid-state polymer electrolytes: Coupled ion transport and dielectric relaxation mechanism. <i>Journal of Applied Physics</i> , 2020, 128, .	1.1	9
5	Three-Dimensional CsPbCl ₃ Perovskite Anode for Quasi-Solid-State Li-Ion and Dual-Ion Batteries: Mechanism of Li ⁺ Conversion Process in Perovskite. <i>Physical Review Applied</i> , 2020, 14, .	1.5	17
6	Robust Succinonitrile Plastic Crystal-Based Ionogel for All-Solid-State Li-Ion and Dual-Ion Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 4295-4304.	2.5	29
7	Ion conduction and relaxation mechanism in ionogels embedded with imidazolium based ionic liquids. <i>Journal of Applied Physics</i> , 2019, 126, .	1.1	24
8	Investigation of ionic conductivity and relaxation in plasticized PMMA-LiClO ₄ solid polymer electrolytes. <i>Solid State Ionics</i> , 2018, 319, 117-124.	1.3	44
9	Highly efficient gel polymer electrolytes for all solid-state electrochemical charge storage devices. <i>Electrochimica Acta</i> , 2018, 278, 137-148.	2.6	31
10	Influence of TiO ₂ nano-particles on charge carrier transport and cell performance of PMMA-LiClO ₄ based nano-composite electrolytes. <i>Electrochimica Acta</i> , 2018, 260, 157-167.	2.6	70
11	Dielectric spectroscopy of PMMA-LiClO ₄ based polymer electrolyte plasticized with ethylene carbonate EC. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	1
12	Solid-state gel polymer electrolytes based on ionic liquids containing imidazolium cations and tetrafluoroborate anions for electrochemical double layer capacitors: Influence of cations size and viscosity of ionic liquids. <i>Journal of Power Sources</i> , 2018, 406, 128-140.	4.0	46
13	Effect of Al ₂ O ₃ nanoparticles in plasticized PMMA-LiClO ₄ based solid polymer electrolyte. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	1
14	Charge carrier dynamics in PMMA-LiClO ₄ based polymer electrolytes plasticized with different plasticizers. <i>Journal of Applied Physics</i> , 2017, 122, .	1.1	22
15	Dynamics and relaxation of charge carriers in poly(methylmethacrylate)-lithium salt based polymer electrolytes plasticized with ethylene carbonate. <i>Journal of Applied Physics</i> , 2016, 120, .	1.1	18
16	Dynamics and relaxation of charge carriers in poly(methylmethacrylate)-based polymer electrolytes embedded with ionic liquid. <i>Physical Review E</i> , 2015, 92, 062603.	0.8	24