

## List of Publications by Citations

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**Version:** 2024-04-28

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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.

61  
papers

859  
citations

13  
h-index

28  
g-index

68  
ext. papers

1,011  
ext. citations

2.6  
avg, IF

4.28  
L-index

#	Paper	IF	Citations
61	FTIR studies of chitosan acetate based polymer electrolytes. <i>Electrochimica Acta</i> , <b>2003</b> , 48, 993-999	6.7	219
60	Conductivity enhancement due to ion dissociation in plasticized chitosan based polymer electrolytes. <i>Carbohydrate Polymers</i> , <b>2001</b> , 44, 167-173	10.3	137
59	AC ionic conductivity and DC polarization method of lithium ion transport in PMMA $\pi$ BF <sub>4</sub> gel polymer electrolytes. <i>Results in Physics</i> , <b>2012</b> , 2, 1-4	3.7	72
58	A comparative study of lithium and sodium salts in PAN-based ion conducting polymer electrolytes. <i>Ionics</i> , <b>2010</b> , 16, 431-435	2.7	53
57	Impedance spectroscopy studies of poly (methyl methacrylate)-lithium salts polymer electrolyte systems. <i>Ionics</i> , <b>2007</b> , 13, 337-342	2.7	45
56	Electrochemical Impedance Spectroscopy Studies of Magnesium-Based Polymethylmethacrylate Gel Polymer Electrolytes. <i>Electrochimica Acta</i> , <b>2014</b> , 131, 148-153	6.7	29
55	Lithium ion conduction and ion $\beta$ polymer interaction in PVdF-HFP based gel polymer electrolytes. <i>Solid State Ionics</i> , <b>2014</b> , 268, 288-293	3.3	28
54	Enhanced photocatalytic activity of ZnO nanoparticles grown on porous silica microparticles. <i>Applied Nanoscience (Switzerland)</i> , <b>2017</b> , 7, 885-892	3.3	26
53	Infrared and conductivity studies on blends of PMMA/PEO based polymer electrolytes. <i>Ionics</i> , <b>2005</b> , 11, 431-435	2.7	22
52	The effects of ceramic fillers on the PMMA-based polymer electrolyte systems. <i>Ionics</i> , <b>2007</b> , 13, 361-364	2.7	18
51	Chitosan-based electrolyte for secondary lithium cells. <i>Journal of Materials Science</i> , <b>2001</b> , 36, 791-793	4.3	15
50	Performance characteristics of LiMn <sub>2</sub> O <sub>4</sub> /polymer/carbon electrochemical cells. <i>Journal of Power Sources</i> , <b>2001</b> , 97-98, 722-725	8.9	14
49	Synthesis and characterization of Ti-doped MgMn <sub>2</sub> O <sub>4</sub> cathode material for magnesium ion batteries. <i>Ionics</i> , <b>2019</b> , 25, 133-139	2.7	13
48	Transport and Morphological Properties of Gel Polymer Electrolytes Containing Mg(CF <sub>3</sub> SO <sub>3</sub> ) <sub>2</sub> . <i>Advanced Materials Research</i> , <b>2013</b> , 686, 137-144	0.5	11
47	Improved electrochemical properties of MgMn <sub>2</sub> O <sub>4</sub> cathode materials by Sr doping for Mg ion cells. <i>Ionics</i> , <b>2020</b> , 26, 3947-3958	2.7	10
46	Magnesium ion-conducting gel polymer electrolytes based on poly(vinylidene chloride-co-acrylonitrile) (PVdC-co-AN): a comparative study between magnesium trifluoromethanesulfonate (MgTf <sub>2</sub> ) and magnesium bis(trifluoromethanesulfonimide) (Mg(TFSI) <sub>2</sub> ). <i>Ionics</i> , <b>2019</b> , 25, 1187-1198	2.7	10
45	A review of the applications of Raman spectroscopy for breast cancer tissue diagnostic and their histopathological classification of epithelial to mesenchymal transition. <i>Journal of Raman Spectroscopy</i> , <b>2020</b> , 51, 380-389	2.3	9

44	Recent developments in zinc-based two-cation oxide spinels: From synthesis to applications. <i>Ceramics International</i> , <b>2021</b> , 47, 2949-2962	5.1	9
43	Li <sub>2</sub> SnO <sub>3</sub> Anode Synthesized via Simplified Hydrothermal Route Using Eco-Compatible Chemicals for Lithium-Ion Battery. <i>Journal of the Electrochemical Society</i> , <b>2019</b> , 166, A2341-A2348	3.9	8
42	Structural and corrosion protection analyses of coatings containing silicone-polyester resins. <i>Pigment and Resin Technology</i> , <b>2008</b> , 37, 37-41	1	8
41	Studies on the properties of silicone resin blend materials for corrosion protection. <i>Anti-Corrosion Methods and Materials</i> , <b>2007</b> , 54, 99-102	0.8	8
40	Thermal and conductivity studies of chitosan acetate-based polymer electrolytes. <i>Ionics</i> , <b>2005</b> , 11, 397-401	1	8
39	Electrical and electrochemical studies on sodium ion-based gel polymer electrolytes <b>2017</b> ,		7
38	The effect of carbonate-phthalate plasticizers on structural, morphological and electrical properties of polyacrylonitrile-based solid polymer electrolytes. <i>Journal of Polymer Research</i> , <b>2014</b> , 21, 1	2.7	6
37	Ionic Transport Studies of Gel Polymer Electrolytes Containing Sodium Salt. <i>Materials Today: Proceedings</i> , <b>2017</b> , 4, 5122-5129	1.4	6
36	Investigation on the electrochemical performances of Li <sub>4</sub> Mn <sub>5</sub> O <sub>12</sub> for battery applications. <i>Ionics</i> , <b>2017</b> , 23, 303-307	2.7	5
35	Ionic Transport in PMMA-NaCF <sub>3</sub> SO <sub>3</sub> Gel Polymer Electrolyte. <i>Advanced Materials Research</i> , <b>2012</b> , 545, 259-263	0.5	5
34	Magnesium (II) bis(trifluoromethanesulfonimide) doped PVdC-co-AN gel polymer electrolytes for rechargeable batteries. <i>Journal of Polymer Research</i> , <b>2020</b> , 27, 1	2.7	5
33	Ionic Conductivity, Morphology and Transport Number of Lithium Ions in PMMA Based Gel Polymer Electrolytes. <i>Defect and Diffusion Forum</i> , <b>2013</b> , 334-335, 137-142	0.7	4
32	Ionic conductivity, ionic transport and electrochemical characterizations of plastic crystal polymer electrolytes. <i>Ionics</i> , <b>2017</b> , 23, 265-273	2.7	4
31	Ionic transport and electrochemical stability of PVDF-HFP based gel polymer electrolytes <b>2016</b> ,		4
30	Enhanced Photocatalytic Performance of Silver Decorated Zinc Oxide Nanoparticles Grown on Silica Microparticles. <i>Silicon</i> , <b>2019</b> , 11, 2845-2852	2.4	3
29	Characteristics of novel plastic crystal gel polymer electrolytes based on PVdC-co-AN. <i>Ionics</i> , <b>2017</b> , 23, 285-294	2.7	3
28	Studies on Sodium Ion Conducting Gel Polymer Electrolytes. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 786-792	0.4	3
27	Indication of high lipid content in epithelial-mesenchymal transitions of breast tissues. <i>Scientific Reports</i> , <b>2021</b> , 11, 3250	4.9	3

26	Silver Nanoparticles Embedded on Reduced Graphene Oxide@Copper Oxide Nanocomposite for High Performance Supercapacitor Applications. <i>Materials</i> , <b>2021</b> , 14,	3.5	3
25	Characteristics of Ti and Fe doped LiCo <sub>0.6</sub> Ni <sub>0.4</sub> O <sub>2</sub> cathode materials for Li-ion rechargeable batteries. <i>Materials Research Express</i> , <b>2017</b> , 4, 046301	1.7	2
24	The electrical conductivities of polyimide and polyimide/Li triflate composites: An a.c. impedance study <b>2017</b> ,		2
23	Ionic Conductivity, Morphology and Transference Number of Sodium Ion in PMMA Based Gel Polymer Electrolytes. <i>Key Engineering Materials</i> , <b>2013</b> , 594-595, 696-701	0.4	2
22	Studies of Ionic Conductivity and Dielectric Behavior in Polyacrylonitrile Based Solid Polymer Electrolytes. <i>Defect and Diffusion Forum</i> , <b>2011</b> , 312-315, 116-121	0.7	2
21	Conductivity Studies of Plasticized-poly(methylmethacrylate) (PMMA) Polymer Electrolytes Films. <i>AIP Conference Proceedings</i> , <b>2008</b> ,	0	2
20	Development of a Coating System for High Temperature Corrosion Protection. <i>Materials Science Forum</i> , <b>2006</b> , 517, 49-52	0.4	2
19	Comparison between silver sulfide and cadmium sulfide quantum dots in ZnO and ZnO/ZnFe <sub>2</sub> O <sub>4</sub> photoanode of quantum dots sensitized solar cells. <i>Ionics</i> , <b>2022</b> , 28, 2007	2.7	2
18	One-step co-precipitated Ni(OH) <sub>2</sub> at different ratios of Ni/2-methylimidazole and its energy storage behaviour. <i>Journal of Applied Electrochemistry</i> , 1	2.6	2
17	Effect of kGy neutron doses on polymer composite consists of poly (vinylidene difluoride)lithium bis(oxalato)borate. <i>Radiation Physics and Chemistry</i> , <b>2021</b> , 189, 109747	2.5	2
16	Silver Nanoparticle Decorated on Reduced Graphene Oxide-Wrapped Manganese Oxide Nanorods as Electrode Materials for High-Performance Electrochemical Devices. <i>Crystals</i> , <b>2022</b> , 12, 389	2.3	2
15	Study of cathode material, LiNi <sub>0.7</sub> Co <sub>0.3-(x+y)</sub> Ti <sub>x</sub> SnyO <sub>2</sub> (x=0.1;y=0.01) prepared by combustion method <b>2016</b> ,		1
14	Effect of Adding Plasticizer on Ionic Conductivity and Glass Transition Temperature of PMMA+Lithium Iodide Complexes <b>2010</b> ,		1
13	The Effects of Lithium Triflate (LiCF <sub>3</sub> SO <sub>3</sub> ) on the PMMA-based Solid Polymer Electrolytes <b>2010</b> ,		1
12	Some characteristics of solar cells with ZnO/ZnFe <sub>2</sub> O <sub>4</sub> /CdS/ZnS working anode. <i>Optical and Quantum Electronics</i> , <b>2021</b> , 53, 1	2.4	1
11	Electrochemical characteristics of Cu/Cu <sub>2</sub> O/C composite electrode for supercapacitor application. <i>Microchemical Journal</i> , <b>2021</b> , 164, 106055	4.8	1
10	Studies of plastic crystal gel polymer electrolytes based on poly(vinylidene chloride-co-acrylonitrile) <b>2016</b> ,		1
9	Diffusion of Charged Species in Metal Oxides and Polymeric Solids Using AC Impedance Technique. <i>Defect and Diffusion Forum</i> , <b>2011</b> , 312-315, 1216-1221	0.7	0

8	LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> cathode material prepared by sol-gel method. <i>Molecular Crystals and Liquid Crystals</i> , <b>2019</b> , 695, 10-18	0.5	o
7	Effect of using different reducing agents on the thermal, structural, morphological and electrical properties of aluminium-doped MgMn <sub>2</sub> O <sub>4</sub> cathode material for magnesium ion cells. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2022</b> , 33, 8003-8015	2.1	o
6	Electron Diffusion in ZnO Nanomaterial: An Ac Impedance Investigation. <i>Defect and Diffusion Forum</i> , <b>2011</b> , 312-315, 393-398	0.7	
5	Comparison of Ionic Diffusion in Sol-Gel Derived Micron and Nano LiTaO <sub>3</sub> . <i>Defect and Diffusion Forum</i> , <b>2011</b> , 312-315, 1222-1227	0.7	
4	Ionic Conductivity and Dielectric Properties of Plasticized Polyacrylonitrile Based Solid Polymer Electrolyte Films. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 211-214	0.5	
3	Investigation of Ionic Conduction and Morphological Properties of PMMA-Based Polymer Electrolytes Containing Lithium Iodide. <i>Advanced Materials Research</i> , <b>2012</b> , 545, 264-268	0.5	
2	Comparison Studies of Blend and Unblend GPE Systems: Ionic Conductivity, Structural and Morphological Properties. <i>Advanced Materials Research</i> , <b>2012</b> , 626, 205-210	0.5	
1	Understanding the role of Ca-doping onto MgMn <sub>2</sub> O <sub>4</sub> cathode material for rechargeable Mg cells. <i>Ionics</i> , <b>1</b>	2.7	