

ZOsman

List of Publications by Year in Descending Order

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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	Comparison between silver sulfide and cadmium sulfide quantum dots in ZnO and ZnO/ZnFe ₂ O ₄ photoanode of quantum dots sensitized solar cells. <i>Ionics</i> , 2022 , 28, 2007	2.7	2
60	Effect of using different reducing agents on the thermal, structural, morphological and electrical properties of aluminium-doped MgMn ₂ O ₄ cathode material for magnesium ion cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2022 , 33, 8003-8015	2.1	0
59	Silver Nanoparticle Decorated on Reduced Graphene Oxide-Wrapped Manganese Oxide Nanorods as Electrode Materials for High-Performance Electrochemical Devices. <i>Crystals</i> , 2022 , 12, 389	2.3	2
58	Some characteristics of solar cells with ZnO/ZnFe ₂ O ₄ /CdS/ZnS working anode. <i>Optical and Quantum Electronics</i> , 2021 , 53, 1	2.4	1
57	Electrochemical characteristics of Cu/Cu ₂ O/C composite electrode for supercapacitor application. <i>Microchemical Journal</i> , 2021 , 164, 106055	4.8	1
56	Recent developments in zinc-based two-cation oxide spinels: From synthesis to applications. <i>Ceramics International</i> , 2021 , 47, 2949-2962	5.1	9
55	Indication of high lipid content in epithelial-mesenchymal transitions of breast tissues. <i>Scientific Reports</i> , 2021 , 11, 3250	4.9	3
54	Silver Nanoparticles Embedded on Reduced Graphene Oxide@Copper Oxide Nanocomposite for High Performance Supercapacitor Applications. <i>Materials</i> , 2021 , 14,	3.5	3
53	Effect of kGy neutron doses on polymer composite consists of poly (vinylidene difluoride)lithium bis(oxalato)borate. <i>Radiation Physics and Chemistry</i> , 2021 , 189, 109747	2.5	2
52	Improved electrochemical properties of MgMn ₂ O ₄ cathode materials by Sr doping for Mg ion cells. <i>Ionics</i> , 2020 , 26, 3947-3958	2.7	10
51	Magnesium (II) bis(trifluoromethanesulfonimide) doped PVdC-co-AN gel polymer electrolytes for rechargeable batteries. <i>Journal of Polymer Research</i> , 2020 , 27, 1	2.7	5
50	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> , 2020 , 51, 380-389	2.3	9
49	Enhanced Photocatalytic Performance of Silver Decorated Zinc Oxide Nanoparticles Grown on Silica Microparticles. <i>Silicon</i> , 2019 , 11, 2845-2852	2.4	3
48	Magnesium ion-conducting gel polymer electrolytes based on poly(vinylidene chloride-co-acrylonitrile) (PVdC-co-AN): a comparative study between magnesium trifluoromethanesulfonate (MgTf ₂) and magnesium bis(trifluoromethanesulfonimide) (Mg(TFSI) ₂). <i>Ionics</i> , 2019 , 25, 1187-1198	2.7	10
47	Synthesis and characterization of Ti-doped MgMn ₂ O ₄ cathode material for magnesium ion batteries. <i>Ionics</i> , 2019 , 25, 133-139	2.7	13
46	Li ₂ SnO ₃ Anode Synthesized via Simplified Hydrothermal Route Using Eco-Compatible Chemicals for Lithium-Ion Battery. <i>Journal of the Electrochemical Society</i> , 2019 , 166, A2341-A2348	3.9	8
45	LiNi _{0.5} Mn _{1.5} O ₄ cathode material prepared by sol-gel method. <i>Molecular Crystals and Liquid Crystals</i> , 2019 , 695, 10-18	0.5	0

44	Characteristics of Ti and Fe doped $\text{LiCo}_0.6\text{Ni}_0.4\text{O}_2$ cathode materials for Li-ion rechargeable batteries. <i>Materials Research Express</i> , 2017 , 4, 046301	1.7	2
43	The electrical conductivities of polyimide and polyimide/Li triflate composites: An a.c. impedance study 2017 ,		2
42	Ionic Transport Studies of Gel Polymer Electrolytes Containing Sodium Salt. <i>Materials Today: Proceedings</i> , 2017 , 4, 5122-5129	1.4	6
41	Investigation on the electrochemical performances of $\text{Li}_4\text{Mn}_5\text{O}_{12}$ for battery applications. <i>Ionics</i> , 2017 , 23, 303-307	2.7	5
40	Ionic conductivity, ionic transport and electrochemical characterizations of plastic crystal polymer electrolytes. <i>Ionics</i> , 2017 , 23, 265-273	2.7	4
39	Characteristics of novel plastic crystal gel polymer electrolytes based on PVdC-co-AN. <i>Ionics</i> , 2017 , 23, 285-294	2.7	3
38	Enhanced photocatalytic activity of ZnO nanoparticles grown on porous silica microparticles. <i>Applied Nanoscience (Switzerland)</i> , 2017 , 7, 885-892	3.3	26
37	Electrical and electrochemical studies on sodium ion-based gel polymer electrolytes 2017 ,		7
36	Study of cathode material, $\text{LiNi}_0.7\text{Co}_0.3-(x+y)\text{TixSnyO}_2$ ($x=0.1; y=0.01$) prepared by combustion method 2016 ,		1
35	Studies of plastic crystal gel polymer electrolytes based on poly(vinylidene chloride-co-acrylonitrile) 2016 ,		1
34	Ionic transport and electrochemical stability of PVDF-HFP based gel polymer electrolytes 2016 ,		4
33	The effect of carbonate-phthalate plasticizers on structural, morphological and electrical properties of polyacrylonitrile-based solid polymer electrolytes. <i>Journal of Polymer Research</i> , 2014 , 21, 1	2.7	6
32	Lithium ion conduction and ion-polymer interaction in PVdF-HFP based gel polymer electrolytes. <i>Solid State Ionics</i> , 2014 , 268, 288-293	3.3	28
31	Electrochemical Impedance Spectroscopy Studies of Magnesium-Based Polymethylmethacrylate Gel Polymer Electrolytes. <i>Electrochimica Acta</i> , 2014 , 131, 148-153	6.7	29
30	Ionic Conductivity, Morphology and Transport Number of Lithium Ions in PMMA Based Gel Polymer Electrolytes. <i>Defect and Diffusion Forum</i> , 2013 , 334-335, 137-142	0.7	4
29	Ionic Conductivity, Morphology and Transference Number of Sodium Ion in PMMA Based Gel Polymer Electrolytes. <i>Key Engineering Materials</i> , 2013 , 594-595, 696-701	0.4	2
28	Studies on Sodium Ion Conducting Gel Polymer Electrolytes. <i>Key Engineering Materials</i> , 2013 , 594-595, 786-792	0.4	3
27	Transport and Morphological Properties of Gel Polymer Electrolytes Containing $\text{Mg}(\text{CF}_3\text{SO}_3)_2$. <i>Advanced Materials Research</i> , 2013 , 686, 137-144	0.5	11

26	AC ionic conductivity and DC polarization method of lithium ion transport in PMMA- LiBF_4 gel polymer electrolytes. <i>Results in Physics</i> , 2012 , 2, 1-4	3.7	72
25	Ionic Transport in PMMA- NaCF_3SO_3 Gel Polymer Electrolyte. <i>Advanced Materials Research</i> , 2012 , 545, 259-263	0.5	5
24	Ionic Conductivity and Dielectric Properties of Plasticized Polyacrylonitrile Based Solid Polymer Electrolyte Films. <i>Advanced Materials Research</i> , 2012 , 626, 211-214	0.5	
23	Investigation of Ionic Conduction and Morphological Properties of PMMA-Based Polymer Electrolytes Containing Lithium Iodide. <i>Advanced Materials Research</i> , 2012 , 545, 264-268	0.5	
22	Comparison Studies of Blend and Unblend GPE Systems: Ionic Conductivity, Structural and Morphological Properties. <i>Advanced Materials Research</i> , 2012 , 626, 205-210	0.5	
21	Diffusion of Charged Species in Metal Oxides and Polymeric Solids Using AC Impedance Technique. <i>Defect and Diffusion Forum</i> , 2011 , 312-315, 1216-1221	0.7	0
20	Electron Diffusion in ZnO Nanomaterial: An Ac Impedance Investigation. <i>Defect and Diffusion Forum</i> , 2011 , 312-315, 393-398	0.7	
19	Studies of Ionic Conductivity and Dielectric Behavior in Polyacrylonitrile Based Solid Polymer Electrolytes. <i>Defect and Diffusion Forum</i> , 2011 , 312-315, 116-121	0.7	2
18	Comparison of Ionic Diffusion in Sol-Gel Derived Micron and Nano LiTaO_3 . <i>Defect and Diffusion Forum</i> , 2011 , 312-315, 1222-1227	0.7	
17	Effect of Adding Plasticizer on Ionic Conductivity and Glass Transition Temperature of PMMA+Lithium Iodide Complexes 2010 ,		1
16	The Effects of Lithium Triflate (LiCF_3SO_3) on the PMMA-based Solid Polymer Electrolytes 2010 ,		1
15	A comparative study of lithium and sodium salts in PAN-based ion conducting polymer electrolytes. <i>Ionics</i> , 2010 , 16, 431-435	2.7	53
14	Structural and corrosion protection analyses of coatings containing silicone-polyester resins. <i>Pigment and Resin Technology</i> , 2008 , 37, 37-41	1	8
13	Conductivity Studies of Plasticized-poly(methylmethacrylate) (PMMA) Polymer Electrolytes Films. <i>AIP Conference Proceedings</i> , 2008 ,	0	2
12	Impedance spectroscopy studies of poly (methyl methacrylate)-lithium salts polymer electrolyte systems. <i>Ionics</i> , 2007 , 13, 337-342	2.7	45
11	The effects of ceramic fillers on the PMMA-based polymer electrolyte systems. <i>Ionics</i> , 2007 , 13, 361-364	2.7	18
10	Studies on the properties of silicone resin blend materials for corrosion protection. <i>Anti-Corrosion Methods and Materials</i> , 2007 , 54, 99-102	0.8	8
9	Development of a Coating System for High Temperature Corrosion Protection. <i>Materials Science Forum</i> , 2006 , 517, 49-52	0.4	2

8	Thermal and conductivity studies of chitosan acetate-based polymer electrolytes. <i>Ionics</i> , 2005 , 11, 397-401	2.7	8
7	Infrared and conductivity studies on blends of PMMA/PEO based polymer electrolytes. <i>Ionics</i> , 2005 , 11, 431-435	2.7	22
6	FTIR studies of chitosan acetate based polymer electrolytes. <i>Electrochimica Acta</i> , 2003 , 48, 993-999	6.7	219
5	Performance characteristics of LiMn ₂ O ₄ /polymer/carbon electrochemical cells. <i>Journal of Power Sources</i> , 2001 , 97-98, 722-725	8.9	14
4	Conductivity enhancement due to ion dissociation in plasticized chitosan based polymer electrolytes. <i>Carbohydrate Polymers</i> , 2001 , 44, 167-173	10.3	137
3	Chitosan-based electrolyte for secondary lithium cells. <i>Journal of Materials Science</i> , 2001 , 36, 791-793	4.3	15
2	One-step co-precipitated Ni(OH) ₂ at different ratios of Ni/2-methylimidazole and its energy storage behaviour. <i>Journal of Applied Electrochemistry</i> , 1	2.6	2
1	Understanding the role of Ca-doping onto MgMn ₂ O ₄ cathode material for rechargeable Mg cells. <i>Ionics</i> , 1	2.7	