

# Liton Balo

## List of Publications by Year in descending order

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14  
papers

559  
citations

686830

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1058022

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times ranked

626  
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#	ARTICLE	IF	CITATIONS
1	Flexible gel polymer electrolyte based on ionic liquid EMIMTFSI for rechargeable battery application. <i>Electrochimica Acta</i> , 2017, 230, 123-131.	2.6	112
2	Improved electrochemical performance of EMIMFSI ionic liquid based gel polymer electrolyte with temperature for rechargeable lithium battery. <i>Energy</i> , 2018, 150, 890-900.	4.5	64
3	Effect of phosphonium based ionic liquid on structural, electrochemical and thermal behaviour of polymer poly(ethylene oxide) containing salt lithium bis(trifluoromethylsulfonyl)imide. <i>RSC Advances</i> , 2016, 6, 87878-87887.	1.7	50
4	Effect of temperature on electrochemical performance of ionic liquid based polymer electrolyte with Li/LiFePO <sub>4</sub> electrodes. <i>Solid State Ionics</i> , 2017, 309, 192-199.	1.3	50
5	Electrochemical investigations of Na <sub>0.7</sub> CoO <sub>2</sub> cathode with PEO-NaTFSI-BMIMTFSI electrolyte as promising material for Na-rechargeable battery. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 1909-1919.	1.2	41
6	Electrochemical study of Ionic Liquid based polymer electrolyte with graphene oxide coated LiFePO <sub>4</sub> cathode for Li battery. <i>Solid State Ionics</i> , 2018, 320, 186-192.	1.3	40
7	Performance of EMIMFSI ionic liquid based gel polymer electrolyte in rechargeable lithium metal batteries. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 65, 137-145.	2.9	38
8	Solid polymer electrolytes based on Li <sup>+</sup> /ionic liquid for lithium secondary batteries. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 1713-1723.	1.2	36
9	Mixed anion effect on the ionic transport behavior, complexation and various physicochemical properties of ionic liquid based polymer gel electrolyte membranes. <i>RSC Advances</i> , 2016, 6, 73028-73039.	1.7	29
10	Development of gel polymer electrolyte based on LiTFSI and EMIMFSI for application in rechargeable lithium metal battery with GO-LFP and NCA cathodes. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 2507-2518.	1.2	29
11	Electrochemical characterization of ionic liquid based gel polymer electrolyte for lithium battery application. <i>Ionics</i> , 2018, 24, 1895-1906.	1.2	28
12	Quasi solid-state electrolytes based on ionic liquid (IL) and ordered mesoporous matrix MCM-41 for supercapacitor application. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 3365-3371.	1.2	21
13	Preparation and properties of titania based ionogels synthesized using ionic liquid 1-ethyl-3-methyl imidazolium thiocyanate. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2017, 220, 37-43.	1.7	19
14	Ionic Liquid Based Polymer Gel Electrolyte Membranes for Lithium Ion Rechargeable Batteries. <i>ECS Transactions</i> , 2016, 73, 183-189.	0.3	2