

sathiyaraj Kandhasamy

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.

17
papers

185
citations

7
h-index

13
g-index

18
ext. papers

197
ext. citations

4.8
avg, IF

2.96
L-index

#	Paper	IF	Citations
17	Operational Strategies to Improve the Performance and Long-Term Cyclability of Intermediate Temperature Sodium-Sulfur Batteries. <i>ChemElectroChem</i> , 2021 , 8, 1156-1166	4.3	4
16	Thermo-electrochemical cell performance and physicochemical properties of the molten carbonate electrolyte dispersed with different solid oxides. <i>Electrochimica Acta</i> , 2021 , 386, 138481	6.7	
15	Gas electrodes with nickel based current collectors for molten carbonate electrolyte thermo-electrochemical cells. <i>Journal of Energy Chemistry</i> , 2020 , 41, 34-42	12	6
14	Thermal Conductivity of Molten Carbonates with Dispersed Solid Oxide from Differential Scanning Calorimetry. <i>Materials</i> , 2019 , 12,	3.5	3
13	Electrolyte Melt Compositions for Low Temperature Molten Carbonate Thermocells. <i>ACS Applied Energy Materials</i> , 2018 ,	6.1	3
12	Thermoelectrochemical Cells with Molten Carbonate Electrolytes and Gas Electrodes. <i>Ceramic Transactions</i> , 2018 , 225-233	0.1	
11	Influence of Electrode Gas Flow Rate and Solid Oxide Ratio in Electrolyte on the Seebeck Coefficient of Molten Carbonate Thermocell. <i>Journal of the Electrochemical Society</i> , 2017 , 164, H5271-H5276	3.9	6
10	Polyvinylpyrrolidone assisted sol-gel route LiCo _{1/3} Mn _{1/3} Ni _{1/3} PO ₄ composite cathode for aqueous rechargeable battery. <i>Electrochimica Acta</i> , 2012 , 60, 170-176	6.7	48
9	Utilizing active multiple dopants (Co and Ni) in olivine LiMnPO ₄ . <i>Current Opinion in Solid State and Materials Science</i> , 2012 , 16, 163-167	12	20
8	Influence of sol-gel derived lithium cobalt phosphate in alkaline rechargeable battery. <i>Journal of Sol-Gel Science and Technology</i> , 2012 , 64, 47-53	2.3	4
7	Synthetic strategies for better battery performance through advances in materials and chemistry: Olivine LiMn _{1/3} Co _{1/3} Ni _{1/3} PO ₄ . <i>Journal of Alloys and Compounds</i> , 2012 , 544, 62-66	5.7	9
6	. <i>IEEE Nanotechnology Magazine</i> , 2012 , 11, 314-320	2.6	6
5	Role of structural defects in olivine cathodes. <i>Progress in Solid State Chemistry</i> , 2012 , 40, 1-5	8	41
4	Olivine-type cathode for rechargeable batteries: Role of chelating agents. <i>Electrochimica Acta</i> , 2012 , 82, 302-308	6.7	10
3	Device for oxide dots fabrication with copper wire as cathode probe. <i>Microsystem Technologies</i> , 2011 , 17, 1459-1462	1.7	1
2	A review on techniques to fabricate silicon oxide arrays for biomolecules patterning. <i>Superlattices and Microstructures</i> , 2011 , 49, 581-590	2.8	13
1	Effect of reaction temperature on morphology and electrochemical behavior. <i>Ionics</i> , 2011 , 17, 49-59	2.7	11

