

# Supti Das

## List of Publications by Year in descending order

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10  
papers

323  
citations

1307594

7  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

676  
citing authors

#	ARTICLE	IF	CITATIONS
1	Brillouin light scattering study of microscopic structure and dynamics in pyrrolidinium salt based ionic liquids. <i>Solid State Ionics</i> , 2021, 363, 115603.	2.7	0
2	All-Solid-State Lithium-Sulfur Battery Based on a Nanoconfined LiBH <sub>4</sub> Electrolyte. <i>Journal of the Electrochemical Society</i> , 2016, 163, A2029-A2034.	2.9	90
3	Study of solvent relaxation of pristine succinonitrile and succinonitrile salt mixtures using quasielastic neutron scattering. <i>Solid State Ionics</i> , 2015, 279, 72-77.	2.7	4
4	Instability of Ionic Liquid-Based Electrolytes in Li <sup>+</sup> Batteries. <i>Journal of Physical Chemistry C</i> , 2015, 119, 18084-18090.	3.1	81
5	Time-Temperature Scaling of Conductivity Spectra of Organic Plastic Crystalline Conductors. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 3550-3554.	4.6	19
6	Ionic conductivity of bis(2-cyanoethyl) ether-lithium salt and poly(propylether imine)-lithium salt liquid electrolytes. <i>Journal of Polymer Research</i> , 2012, 19, 1.	2.4	4
7	Brillouin Scattering Investigation of Solvation Dynamics in Succinonitrile-Lithium Salt Plastic Crystalline Electrolytes. <i>Journal of Physical Chemistry B</i> , 2011, 115, 12356-12361.	2.6	8
8	Dielectric Relaxation Spectroscopy for Evaluation of the Influence of Solvent Dynamics on Ion Transport in Succinonitrile Salt Plastic Crystalline Electrolytes. <i>Journal of Physical Chemistry B</i> , 2011, 115, 2148-2154.	2.6	18
9	Influence of water and thermal history on ion transport in lithium salt-succinonitrile plastic crystalline electrolytes. <i>Solid State Ionics</i> , 2010, 181, 1732-1739.	2.7	21
10	Study of Ion Transport in Lithium Perchlorate-Succinonitrile Plastic Crystalline Electrolyte via Ionic Conductivity and in Situ Cryo-Crystallography. <i>Journal of Physical Chemistry B</i> , 2009, 113, 5025-5031.	2.6	78