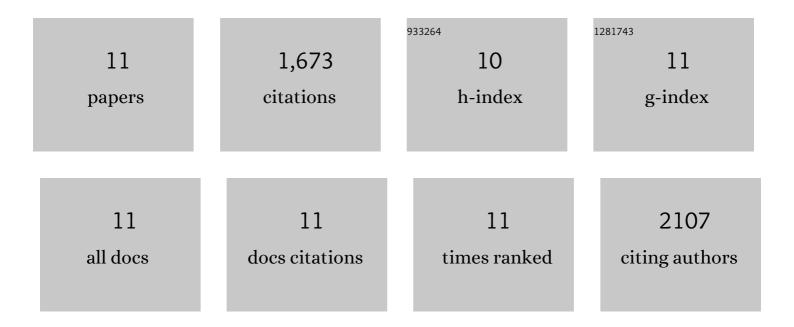
Tushar Swamy

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9586209/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Mechanism of Lithium Metal Penetration through Inorganic Solid Electrolytes. Advanced Energy Materials, 2017, 7, 1701003.	10.2	780
2	Compliant Yet Brittle Mechanical Behavior of Li ₂ S–P ₂ S ₅ Lithiumâ€lonâ€Conducting Solid Electrolyte. Advanced Energy Materials, 2017, 7, 1602011.	10.2	219
3	Modeling of internal mechanical failure of all-solid-state batteries during electrochemical cycling, and implications for battery design. Journal of Materials Chemistry A, 2017, 5, 19422-19430.	5.2	191
4	Lithium Metal Penetration Induced by Electrodeposition through Solid Electrolytes: Example in Single-Crystal Li ₆ La ₃ ZrTaO ₁₂ Garnet. Journal of the Electrochemical Society, 2018, 165, A3648-A3655.	1.3	172
5	The Effect of Stress on Battery-Electrode Capacity. Journal of the Electrochemical Society, 2017, 164, A645-A654.	1.3	109
6	Electrochemical Redox Behavior of Li Ion Conducting Sulfide Solid Electrolytes. Chemistry of Materials, 2019, 31, 707-713.	3.2	94
7	Electrochemical Charge Transfer Reaction Kinetics at the Silicon-Liquid Electrolyte Interface. Journal of the Electrochemical Society, 2015, 162, A7129-A7134.	1.3	49
8	Investigation of bipolar plate and diffusion media interfacial structure in PEFCs: A fractal geometry approach. Electrochimica Acta, 2011, 56, 3060-3070.	2.6	22
9	Random Walk Analysis of the Effect of Mechanical Degradation on All-Solid-State Battery Power. Journal of the Electrochemical Society, 2017, 164, A2660-A2664.	1.3	19
10	Interfacial Morphology and Contact Resistance Model for Polymer Electrolyte Fuel Cells. ECS Transactions, 2009, 25, 15-27.	0.3	14
11	Low-profile self-sealing sample transfer flexure box. Review of Scientific Instruments. 2017. 88. 083705.	0.6	4