

Francis Susai

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

1,987
citations

759233

12
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

3254
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of advanced and practical lithium battery materials. <i>Journal of Materials Chemistry</i> , 2011, 21, 9938.	6.7	952
2	Structural and Electrochemical Aspects of $\text{LiNi}_{0.8}\text{Co}_{0.1}\text{Mn}_{0.1}\text{O}_2$ Cathode Materials Doped by Various Cations. <i>ACS Energy Letters</i> , 2019, 4, 508-516.	17.4	348
3	Study of the electrochemical behavior of the inactive Li_2MnO_3 . <i>Electrochimica Acta</i> , 2012, 78, 32-39.	5.2	131
4	Horizons for Li -Ion Batteries Relevant to Electro-Mobility: High-Specific-Energy Cathodes and Chemically Active Separators. <i>Advanced Materials</i> , 2018, 30, e1801348.	21.0	105
5	Improving Performance of $\text{LiNi}_{0.8}\text{Co}_{0.1}\text{Mn}_{0.1}\text{O}_2$ Cathode Materials for Lithium-Ion Batteries by Doping with Molybdenum-Ions: Theoretical and Experimental Studies. <i>ACS Applied Energy Materials</i> , 2019, 2, 4521-4534.	5.1	91
6	Study of the nanosized Li_2MnO_3 : Electrochemical behavior, structure, magnetic properties, and vibrational modes. <i>Electrochimica Acta</i> , 2013, 97, 259-270.	5.2	89
7	The use of in situ techniques in R&D of Li and Mg rechargeable batteries. <i>Journal of Solid State Electrochemistry</i> , 2011, 15, 877-890.	2.5	74
8	Study of Cathode Materials for Lithium-Ion Batteries: Recent Progress and New Challenges. <i>Inorganics</i> , 2017, 5, 32.	2.7	68
9	Phase Transitions in Li_2MnO_3 Electrodes at Various States-of-Charge. <i>Electrochimica Acta</i> , 2014, 123, 395-404.	5.2	54
10	Stabilized Behavior of $\text{LiNi}_{0.85}\text{Co}_{0.10}\text{Mn}_{0.05}\text{O}_2$ Cathode Materials Induced by Their Treatment with SO_2 . <i>ACS Applied Energy Materials</i> , 2020, 3, 3609-3618.	5.1	25
11	Enhancement of Electrochemical Performance of Lithium and Manganese-Rich Cathode Materials via Thermal Treatment with SO_2 . <i>Journal of the Electrochemical Society</i> , 2020, 167, 110563.	2.9	21
12	Studies of Nickel-Rich $\text{LiNi}_{0.85}\text{Co}_{0.10}\text{Mn}_{0.05}\text{O}_2$ Cathode Materials Doped with Molybdenum Ions for Lithium-Ion Batteries. <i>Materials</i> , 2021, 14, 2070.	2.9	18
13	Electrochemical Activation of Li_2MnO_3 Electrodes at $0\text{ }^\circ\text{C}$ and Its Impact on the Subsequent Performance at Higher Temperatures. <i>Materials</i> , 2020, 13, 4388.	2.9	11