Francis Susai

List of Publications by Year
in descending order

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	Studies of Nickel-Rich LiNi0.85Co0.10Mn0.05O2 Cathode Materials Doped with Molybdenum Ions for Lithium-Ion Batteries. Materials, 2021, 14, 2070.	2.9	18
2	Enhancement of Electrochemical Performance of Lithium and Manganese-Rich Cathode Materials via Thermal Treatment with SO₂. Journal of the Electrochemical Society, 2020, 167, 110563.	2.9	21
3	Electrochemical Activation of Li2MnO3 Electrodes at 0 Â°C and Its Impact on the Subsequent Performance at Higher Temperatures. Materials, 2020, 13, 4388.	2.9	11
4	Stabilized Behavior of LiNi_{0.85}Co_{0.10}Mn_{0.05}O₂ Cathode Materials Induced by Their Treatment with SO₂. ACS Applied Energy Materials, 2020, 3, 3609-3618.	5.1	25
5	Improving Performance of LiNi_{0.8}Co_{0.1}Mn_{0.1}O₂ Cathode Materials for Lithium-Ion Batteries by Doping with Molybdenum-Ions: Theoretical and Experimental Studies. ACS Applied Energy Materials, 2019, 2, 4521-4534.	5.1	91
6	Structural and Electrochemical Aspects of LiNi_{0.8}Co_{0.1}Mn_{0.1}O₂ Cathode Materials Doped by Various Cations. ACS Energy Letters, 2019, 4, 508-516.	17.4	348
7	Horizons for Liâ€Ion Batteries Relevant to Electroâ€Mobility: Highâ€Specificâ€Energy Cathodes and Chemically Active Separators. Advanced Materials, 2018, 30, e1801348.	21.0	105
8	Study of Cathode Materials for Lithium-Ion Batteries: Recent Progress and New Challenges. Inorganics, 2017, 5, 32.	2.7	68
9	Phase Transitions in Li2MnO3 Electrodes at Various States-of-Charge. Electrochimica Acta, 2014, 123, 395-404.	5.2	54
10	Study of the nanosized Li2MnO3: Electrochemical behavior, structure, magnetic properties, and vibrational modes. Electrochimica Acta, 2013, 97, 259-270.	5.2	89
11	Study of the electrochemical behavior of the â€œinactiveâ€•Li2MnO3. Electrochimica Acta, 2012, 78, 32-39.	5.2	131
12	A review of advanced and practical lithium battery materials. Journal of Materials Chemistry, 2011, 21, 9938.	6.7	952
13	The use of in situ techniques in R&D of Li and Mg rechargeable batteries. Journal of Solid State Electrochemistry, 2011, 15, 877-890.	2.5	74