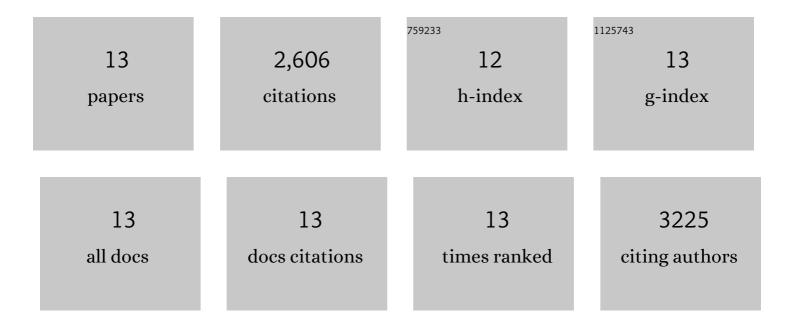
Florian Schipper

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Review—Recent Advances and Remaining Challenges for Lithium Ion Battery Cathodes. Journal of the Electrochemical Society, 2017, 164, A6220-A6228.	2.9	581
2	Review on Challenges and Recent Advances in the Electrochemical Performance of High Capacity Li― and Mnâ€Rich Cathode Materials for Liâ€Ion Batteries. Advanced Energy Materials, 2018, 8, 1702397.	19.5	475
3	From Surface ZrO ₂ Coating to Bulk Zr Doping by High Temperature Annealing of Nickelâ€Rich Lithiated Oxides and Their Enhanced Electrochemical Performance in Lithium Ion Batteries. Advanced Energy Materials, 2018, 8, 1701682.	19.5	443
4	Structural and Electrochemical Aspects of LiNi _{0.8} Co _{0.1} Mn _{0.1} O ₂ Cathode Materials Doped by Various Cations. ACS Energy Letters, 2019, 4, 508-516.	17.4	348
5	Stabilizing nickel-rich layered cathode materials by a high-charge cation doping strategy: zirconium-doped LiNi _{0.6} Co _{0.2} Mn _{0.2} O ₂ . Journal of Materials Chemistry A, 2016, 4, 16073-16084.	10.3	295
6	A brief review: Past, present and future of lithium ion batteries. Russian Journal of Electrochemistry, 2016, 52, 1095-1121.	0.9	156
7	Highâ€Temperature Treatment of Liâ€Rich Cathode Materials with Ammonia: Improved Capacity and Mean Voltage Stability during Cycling. Advanced Energy Materials, 2017, 7, 1700708.	19.5	139
8	Study of Cathode Materials for Lithium-Ion Batteries: Recent Progress and New Challenges. Inorganics, 2017, 5, 32.	2.7	68
9	Studies of Spinel-to-Layered Structural Transformations in LiMn ₂ O ₄ Electrodes Charged to High Voltages. Journal of Physical Chemistry C, 2017, 121, 9120-9130.	3.1	26
10	Enhanced capacity and lower mean charge voltage of Li-rich cathodes for lithium ion batteries resulting from low-temperature electrochemical activation. RSC Advances, 2017, 7, 7116-7121.	3.6	25
11	Synthesis and Electrochemical Performance of Nickel-Rich Layered-Structure LiNi0.65Co0.08Mn0.27O2Cathode Materials Comprising Particles with Ni and Mn Full Concentration Gradients. Journal of the Electrochemical Society, 2016, 163, A1348-A1358.	2.9	19
12	Ammonia Treatment of 0.35Li ₂ MnO ₃ ·0.65LiNi _{0.35} Mn _{0.45} Co _{0.20} O Material: Insights from Solid-State NMR Analysis. Journal of Physical Chemistry C, 2018, 122, 3773-3779.	<sub12< s<="" td=""><td>ub19</td></sub12<>	ub 1 9
	Fluorination of Niâ€Rich Lithiumâ€ion Battery Cathode Materials by Fluorine Gas: Chemistry,		

13 Char	acterization, and Electrochemical Performance in Fullâ€cells. Batteries and Supercaps, 2021, 4, 645.	4.7	12
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