

# Johannes Landesfeind

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7340172/publications.pdf>

Version: 2024-02-01

18  
papers

1,445  
citations

567281

15  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1440  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Ionic Transport Properties of Non-Aqueous Lithium and Sodium Hexafluorophosphate Electrolytes. <i>Journal of the Electrochemical Society</i> , 2021, 168, 040538.	2.9	24
2	Monitoring SEI Formation on Graphite Electrodes in Lithium-Ion Cells by Impedance Spectroscopy. <i>Journal of the Electrochemical Society</i> , 2021, 168, 110503.	2.9	13
3	Temperature and Concentration Dependence of the Ionic Transport Properties of Lithium-Ion Battery Electrolytes. <i>Journal of the Electrochemical Society</i> , 2019, 166, A3079-A3097.	2.9	132
4	Identifying Contact Resistances in High-Voltage Cathodes by Impedance Spectroscopy. <i>Journal of the Electrochemical Society</i> , 2019, 166, A582-A590.	2.9	48
5	Comment on "Direct Electrochemical Determination of Thermodynamic Factors in Aprotic Binary Electrolytes" [J. Electrochem. Soc., 163, A1254 (2018)]. <i>Journal of the Electrochemical Society</i> , 2019, 166, Y33-Y34.	2.9	0
6	Tortuosity of Battery Electrodes: Validation of Impedance-Derived Values and Critical Comparison with 3D Tomography. <i>Journal of the Electrochemical Society</i> , 2018, 165, A469-A476.	2.9	114
7	Influence of the Binder on Lithium Ion Battery Electrode Tortuosity and Performance. <i>Journal of the Electrochemical Society</i> , 2018, 165, A1122-A1128.	2.9	87
8	Detection of Binder Gradients Using Impedance Spectroscopy and Their Influence on the Tortuosity of Li-Ion Battery Graphite Electrodes. <i>Journal of the Electrochemical Society</i> , 2018, 165, A3459-A3467.	2.9	74
9	Method to Determine the In-Plane Tortuosity of Porous Electrodes. <i>Journal of the Electrochemical Society</i> , 2018, 165, A2008-A2018.	2.9	24
10	An Analysis Protocol for Three-Electrode Li-Ion Battery Impedance Spectra: Part II. Analysis of a Graphite Anode Cycled vs. LNMO. <i>Journal of the Electrochemical Society</i> , 2018, 165, A2145-A2153.	2.9	54
11	Determination of Transport Parameters in Liquid Binary Lithium Ion Battery Electrolytes. <i>Journal of the Electrochemical Society</i> , 2017, 164, A826-A836.	2.9	76
12	An Analysis Protocol for Three-Electrode Li-Ion Battery Impedance Spectra: Part I. Analysis of a High-Voltage Positive Electrode. <i>Journal of the Electrochemical Society</i> , 2017, 164, A1773-A1783.	2.9	120
13	Determination of Transport Parameters in Liquid Binary Electrolytes: Part II. Transference Number. <i>Journal of the Electrochemical Society</i> , 2017, 164, A2716-A2731.	2.9	33
14	Direct Electrochemical Determination of Thermodynamic Factors in Aprotic Binary Electrolytes. <i>Journal of the Electrochemical Society</i> , 2016, 163, A1254-A1264.	2.9	41
15	A Gold Micro-Reference Electrode for Impedance and Potential Measurements in Lithium Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2016, 163, A2265-A2272.	2.9	117
16	Tortuosity Determination of Battery Electrodes and Separators by Impedance Spectroscopy. <i>Journal of the Electrochemical Society</i> , 2016, 163, A1373-A1387.	2.9	419
17	Lithium Ion Mobility in Lithium Phosphidosilicates: Crystal Structure, $^{7}\text{Li}$ , $^{29}\text{Si}$ , and $^{31}\text{P}$ MAS NMR Spectroscopy, and Impedance Spectroscopy of $\text{Li}_8\text{SiP}_4$ and $\text{Li}_2\text{SiP}_2$ . <i>Chemistry - A European Journal</i> , 2016, 22, 17635-17645.	3.3	62
18	Effective Ionic Resistance in Battery Separators. <i>ECS Transactions</i> , 2015, 69, 135-140.	0.5	5