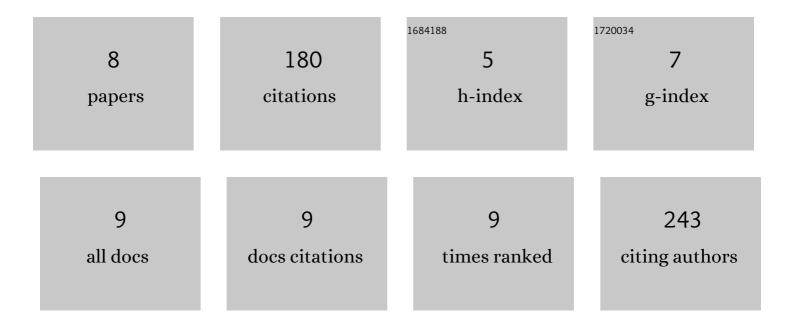
## Aleksei Kolesnikov

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1280210/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Lithium Powder Synthesis and Preparation of Powderâ€Based Composite Electrodes for Application in Lithium Metal Batteries. Energy Technology, 2022, 10, 2100871.	3.8	2
2	Mechanistic Insights into the Preâ€Lithiation of Silicon/Graphite Negative Electrodes in "Dry State―and After Electrolyte Addition Using Passivated Lithium Metal Powder. Advanced Energy Materials, 2021, 11, 2100925.	19.5	46
3	Galvanic Couples in Ionic Liquidâ€Based Electrolyte Systems for Lithium Metal Batteries—An Overlooked Cause of Galvanic Corrosion?. Advanced Energy Materials, 2021, 11, 2101021.	19.5	22
4	Sputter coating of lithium metal electrodes with lithiophilic metals for homogeneous and reversible lithium electrodeposition and electrodissolution. Materials Today, 2020, 39, 137-145.	14.2	32
5	Galvanic Corrosion of Lithiumâ€Powderâ€Based Electrodes. Advanced Energy Materials, 2020, 10, 2000017.	19.5	62
6	(Europe Section Alessandro Volta Medal Award) Electrolytes and Metallic Anodes: About an Old Argument That Marks the Fundamental Understanding of Modern Metal Anodes in Advanced Battery Systems. ECS Meeting Abstracts, 2020, MA2020-02, 671-671.	0.0	0
7	Lithium-Powder Based Electrodes Modified with ZnI <sub>2</sub> for Enhanced Electrochemical Performance of Lithium-Metal Batteries. Journal of the Electrochemical Society, 2019, 166, A1400-A1407.	2.9	14
8	Cementation Reaction of Lithium Powder Electrodes for Improving the Electrochemical Performances of Lithium-Metal Batteries. ECS Meeting Abstracts, 2019	0.0	0