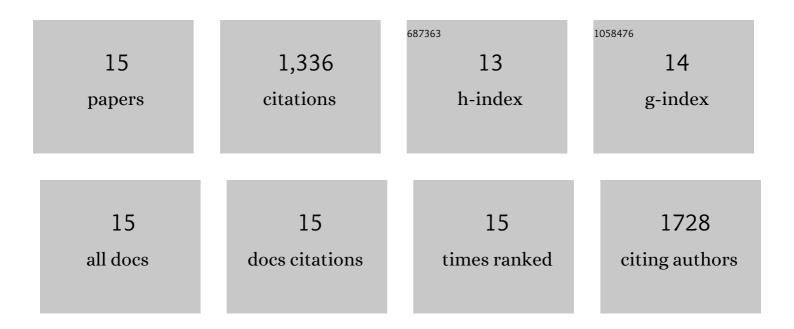


List of Publications by Year in descending order

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Ιιλιντι Γι

#	Article	IF	CITATIONS
1	Long-life LiNi0.5Mn1.5O4/graphite lithium-ion cells with an artificial graphite-electrolyte interface. Energy Storage Materials, 2021, 43, 499-508.	18.0	22
2	Thermodynamics of Antisite Defects in Layered NMC Cathodes: Systematic Insights from High-Precision Powder Diffraction Analyses. Chemistry of Materials, 2020, 32, 1002-1010.	6.7	44
3	Toward Long-Life, Ultrahigh-Nickel Layered Oxide Cathodes for Lithium-Ion Batteries: Optimizing the Interphase Chemistry with a Dual-Functional Polymer. Chemistry of Materials, 2020, 32, 759-768.	6.7	14
4	<i>In-Situ</i> Assembled VS ₄ as a Polysulfide Mediator for High-Loading Lithium–Sulfur Batteries. ACS Energy Letters, 2020, 5, 1177-1185.	17.4	120
5	Rational Design of a Laminated Dual-Polymer/Polymer–Ceramic Composite Electrolyte for High-Voltage All-Solid-State Lithium Batteries. , 2020, 2, 317-324.		59
6	Lattice doping regulated interfacial reactions in cathode for enhanced cycling stability. Nature Communications, 2019, 10, 3447.	12.8	116
7	A 3D Lithiophilic Mo ₂ Nâ€Modified Carbon Nanofiber Architecture for Dendriteâ€Free Lithiumâ€Metal Anodes in a Full Cell. Advanced Materials, 2019, 31, e1904537.	21.0	139
8	A Comprehensive Analysis of the Interphasial and Structural Evolution over Longâ€Term Cycling of Ultrahighâ€Nickel Cathodes in Lithiumâ€Ion Batteries. Advanced Energy Materials, 2019, 9, 1902731.	19.5	131
9	Ethylene Carbonateâ€Free Electrolytes for Highâ€Nickel Layered Oxide Cathodes in Lithiumâ€Ion Batteries. Advanced Energy Materials, 2019, 9, 1901152.	19.5	78
10	Facilitating the Operation of Lithium-Ion Cells with High-Nickel Layered Oxide Cathodes with a Small Dose of Aluminum. Chemistry of Materials, 2018, 30, 3101-3109.	6.7	119
11	Modified Highâ€Nickel Cathodes with Stable Surface Chemistry Against Ambient Air for Lithium″on Batteries. Angewandte Chemie - International Edition, 2018, 57, 6480-6485.	13.8	234
12	Modified Highâ€Nickel Cathodes with Stable Surface Chemistry Against Ambient Air for Lithiumâ€ion Batteries. Angewandte Chemie, 2018, 130, 6590-6595.	2.0	38
13	Extending the limits of powder diffraction analysis: Diffraction parameter space, occupancy defects, and atomic form factors. Review of Scientific Instruments, 2018, 89, 093002.	1.3	18
14	Extending the Service Life of Highâ€Ni Layered Oxides by Tuning the Electrode–Electrolyte Interphase. Advanced Energy Materials, 2018, 8, 1801957.	19.5	171
15	Measurement and Correlation of the Solubility of Penicillin V Potassium in Ethanol + Water and 1-Butyl Alcohol + Water Systems. Journal of Chemical & Engineering Data, 2015, 60, 112-117.	1.9	33