

# Sanjuna Stalin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4687242/publications.pdf>

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16  
papers

3,001  
citations

623188

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940134

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docs citations

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times ranked

3188  
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing solid-state electrolytes for safe, energy-dense batteries. <i>Nature Reviews Materials</i> , 2020, 5, 229-252.	23.3	1,167
2	Solid-state polymer electrolytes with in-built fast interfacial transport for secondary lithium batteries. <i>Nature Energy</i> , 2019, 4, 365-373.	19.8	681
3	Stabilizing metal battery anodes through the design of solid electrolyte interphases. <i>Joule</i> , 2021, 5, 1119-1142.	11.7	233
4	Nucleation and Early Stage Growth of Li Electrodeposits. <i>Nano Letters</i> , 2019, 19, 8191-8200.	4.5	159
5	Electroless Formation of Hybrid Lithium Anodes for Fast Interfacial Ion Transport. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13070-13077.	7.2	151
6	Rechargeable Lithium Metal Batteries with an In-Built Solid-State Polymer Electrolyte and a High Voltage/Loading Ni-Rich Layered Cathode. <i>Advanced Materials</i> , 2020, 32, e1905629.	11.1	140
7	Solid-state polymer electrolytes for high-performance lithium metal batteries. <i>Nature Communications</i> , 2019, 10, 4398.	5.8	137
8	Stabilizing polymer electrolytes in high-voltage lithium batteries. <i>Nature Communications</i> , 2019, 10, 3091.	5.8	98
9	Soft Colloidal Glasses as Solid-State Electrolytes. <i>Chemistry of Materials</i> , 2018, 30, 5996-6004.	3.2	59
10	Multifunctional Cross-Linked Polymeric Membranes for Safe, High-Performance Lithium Batteries. <i>Chemistry of Materials</i> , 2018, 30, 2058-2066.	3.2	49
11	Ultrathin zwitterionic polymeric interphases for stable lithium metal anodes. <i>Matter</i> , 2021, 4, 3753-3773.	5.0	35
12	The early-stage growth and reversibility of Li electrodeposition in Br-rich electrolytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	26
13	Designing Polymeric Interphases for Stable Lithium Metal Deposition. <i>Nano Letters</i> , 2020, 20, 5749-5758.	4.5	23
14	Achieving Uniform Lithium Electrodeposition in Cross-Linked Poly(ethylene oxide) Networks: "Soft" Polymers Prevent Metal Dendrite Proliferation. <i>Macromolecules</i> , 2020, 53, 5445-5454.	2.2	22
15	Electroless Formation of Hybrid Lithium Anodes for Fast Interfacial Ion Transport. <i>Angewandte Chemie</i> , 2017, 129, 13250-13257.	1.6	11
16	In-Built Polymer-in-Solvent and Solvent-in-Polymer Electrolytes for High-Voltage Lithium Metal Batteries. <i>Cell Reports Physical Science</i> , 2020, 1, 100146.	2.8	10