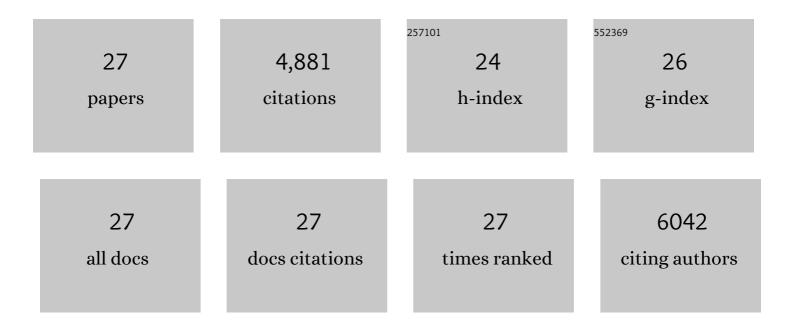
Lei Fan

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Proton sponge promotion of electrochemical CO2 reduction to multi-carbon products. Joule, 2022, 6, 205-220.	11.7	57
2	CO2/carbonate-mediated electrochemical water oxidation to hydrogen peroxide. Nature Communications, 2022, 13, 2668.	5.8	44
3	Highâ€Efficacy and Polymeric Solidâ€Electrolyte Interphase for Closely Packed Li Electrodeposition. Advanced Science, 2021, 8, 2003240.	5.6	39
4	Dynamic interphase–mediated assembly for deep cycling metal batteries. Science Advances, 2021, 7, eabl3752.	4.7	81
5	Ionic liquid-reinforced carbon nanofiber matrix enabled lean-electrolyte Li-S batteries via electrostatic attraction. Energy Storage Materials, 2020, 26, 378-384.	9.5	25
6	Constructing a Phosphating–Nitriding Interface for Practically Used Lithium Metal Anode. , 2020, 2, 1-8.		14
7	Electrochemical CO2 reduction to high-concentration pure formic acid solutions in an all-solid-state reactor. Nature Communications, 2020, 11, 3633.	5.8	294
8	Engineering Wavyâ€Nanostructured Anode Interphases with Fast Ion Transfer Kinetics: Toward Practical Liâ€Metal Full Batteries. Advanced Functional Materials, 2020, 30, 2003800.	7.8	63
9	Colossal Granular Lithium Deposits Enabled by the Grain oarsening Effect for Highâ€Efficiency Lithium Metal Full Batteries. Advanced Materials, 2020, 32, e2001740.	11.1	157
10	Synergistic Dualâ€Additive Electrolyte Enables Practical Lithiumâ€Metal Batteries. Angewandte Chemie, 2020, 132, 15045-15051.	1.6	26
11	Synergistic Dualâ€Additive Electrolyte Enables Practical Lithiumâ€Metal Batteries. Angewandte Chemie - International Edition, 2020, 59, 14935-14941.	7.2	210
12	Strategies in catalysts and electrolyzer design for electrochemical CO ₂ reduction toward C ₂₊ products. Science Advances, 2020, 6, eaay3111.	4.7	477
13	Direct electrosynthesis of pure aqueous H ₂ O ₂ solutions up to 20% by weight using a solid electrolyte. Science, 2019, 366, 226-231.	6.0	573
14	Tuning the LUMO Energy of an Organic Interphase to Stabilize Lithium Metal Batteries. ACS Energy Letters, 2019, 4, 644-650.	8.8	129
15	Stable Liâ€Metal Deposition via a 3D Nanodiamond Matrix with Ultrahigh Young's Modulus. Small Methods, 2019, 3, 1900325.	4.6	40
16	Hierarchical Co ₃ O ₄ Nanofiber–Carbon Sheet Skeleton with Superior Na/Liâ€Philic Property Enabling Highly Stable Alkali Metal Batteries. Advanced Functional Materials, 2019, 29, 1808847.	7.8	147
17	Rational design of robust-flexible protective layer for safe lithium metal battery. Energy Storage Materials, 2019, 18, 205-212.	9.5	116
18	A "cation-anion regulation―synergistic anode host for dendrite-free lithium metal batteries. Science Advances, 2018, 4, eaar4410.	4.7	241

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#	Article	IF	CITATIONS
19	1D SnO ₂ with Wireâ€inâ€Tube Architectures for Highly Selective Electrochemical Reduction of CO ₂ to C ₁ Products. Advanced Functional Materials, 2018, 28, 1706289.	7.8	153
20	Recent Progress of the Solidâ€State Electrolytes for Highâ€Energy Metalâ€Based Batteries. Advanced Energy Materials, 2018, 8, 1702657.	10.2	851
21	Stable Lithium Electrodeposition at Ultraâ€High Current Densities Enabled by 3D PMF/Li Composite Anode. Advanced Energy Materials, 2018, 8, 1703360.	10.2	194
22	Enabling Stable Lithium Metal Anode via 3D Inorganic Skeleton with Superlithiophilic Interphase. Advanced Energy Materials, 2018, 8, 1802350.	10.2	147
23	Enhanced Lithium Storage Capability in Li-Ion Batteries Using Porous 3D Co ₃ O ₄ Nanofiber Anodes. Industrial & Engineering Chemistry Research, 2017, 56, 2046-2053.	1.8	42
24	Regulating Li deposition at artificial solid electrolyte interphases. Journal of Materials Chemistry A, 2017, 5, 3483-3492.	5.2	258
25	Highly uniform Fe3O4 nanoparticle–rGO composites as anode materials for high performance lithium-ion batteries. RSC Advances, 2017, 7, 54939-54946.	1.7	35
26	Progress in electrolytes for rechargeable Li-based batteries and beyond. Green Energy and Environment, 2016, 1, 18-42.	4.7	400
27	Chlorideâ€Reinforced Carbon Nanofiber Host as Effective Polysulfide Traps in Lithium–Sulfur Batteries. Advanced Science, 2016, 3, 1600175.	5.6	68