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List of Publications by Year in descending order

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46 papers	5,262 citations	94381 37 h-index	223716 46 g-index
46 all docs	46 docs citations	46 times ranked	4816 citing authors

#	Article	IF	Citations
1	Sulfide solid electrolytes for all-solid-state lithium batteries: Structure, conductivity, stability and application. Energy Storage Materials, 2018, 14, 58-74.	9.5	403
2	A new solid polymer electrolyte incorporating Li10GeP2S12 into a polyethylene oxide matrix for all-solid-state lithium batteries. Journal of Power Sources, 2016, 301, 47-53.	4.0	371
3	Highâ€Performance Allâ€Solidâ€State Lithiumâ€“Sulfur Batteries Enabled by Amorphous Sulfurâ€Coated Reduced Graphene Oxide Cathodes. Advanced Energy Materials, 2017, 7, 1602923.	10.2	331
4	High-Energy All-Solid-State Lithium Batteries with Ultralong Cycle Life. Nano Letters, 2016, 16, 7148-7154.	4.5	309
5	All-Solid-State Lithium Batteries with Sulfide Electrolytes and Oxide Cathodes. Electrochemical Energy Reviews, 2021, 4, 101-135.	13.1	227
6	Lithium Ion-Conducting Glass?Ceramics of Li1.5Al0.5Ge1.5(PO4)3?xLi2O (x=0.0?0.20) with Good Electrical and Electrochemical Properties. Journal of the American Ceramic Society, 2007, 90, 2802-2806.	1.9	223
7	Interface Re-Engineering of Li₁₀GeP₂S₁₂ Electrolyte and Lithium anode for All-Solid-State Lithium Batteries with Ultralong Cycle Life. ACS Applied Materials & Interfaces, 2018, 10, 2556-2565.	4.0	220
8	A promising PEO/LAGP hybrid electrolyte prepared by a simple method for all-solid-state lithium batteries. Solid State Ionics, 2016, 295, 65-71.	1.3	205
9	Liquid phase therapy to solid electrolyteâ€“electrode interface in solid-state Li metal batteries: A review. Energy Storage Materials, 2020, 24, 75-84.	9.5	199
10	A 3D porous architecture of Si/graphene nanocomposite as high-performance anode materials for Li-ion batteries. Journal of Materials Chemistry, 2012, 22, 7724.	6.7	193
11	A new composite solid electrolyte PEO/Li10GeP2S12/SN for all-solid-state lithium battery. Electrochimica Acta, 2016, 210, 905-914.	2.6	185
12	All-solid-state lithium batteries with inorganic solid electrolytes: Review of fundamental science. Chinese Physics B, 2016, 25, 018802.	0.7	169
13	An advanced construction strategy of all-solid-state lithium batteries with excellent interfacial compatibility and ultralong cycle life. Journal of Materials Chemistry A, 2017, 5, 16984-16993.	5.2	168
14	High air-stability and superior lithium ion conduction of Li3+3P1-Zn S4-O by aliovalent substitution of ZnO for all-solid-state lithium batteries. Energy Storage Materials, 2019, 17, 266-274.	9.5	114
15	MoS₂ nanoflowers consisting of nanosheets with a controllable interlayer distance as high-performance lithium ion battery anodes. RSC Advances, 2015, 5, 7938-7943.	1.7	109
16	Proton enhanced dynamic battery chemistry for aprotic lithiumâ€“oxygen batteries. Nature Communications, 2017, 8, 14308.	5.8	104
17	Lithium Superionic Conducting Oxysulfide Solid Electrolyte with Excellent Stability against Lithium Metal for All-Solid-State Cells. Journal of the Electrochemical Society, 2016, 163, A96-A101.	1.3	103
18	Co3O4 nanowires as high capacity anode materials for lithium ion batteries. Journal of Alloys and Compounds, 2012, 521, 95-100.	2.8	101

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19	Dense nanostructured solid electrolyte with high Li-ion conductivity by spark plasma sintering technique. Materials Research Bulletin, 2008, 43, 2334-2341.	2.7	97
20	Highly Crystalline Layered VS₂ Nanosheets for All-Solid-State Lithium Batteries with Enhanced Electrochemical Performances. ACS Applied Materials & Interfaces, 2018, 10, 10053-10063.	4.0	94
21	High ion conductive Sb2O5-doped Î²-Li3PS4 with excellent stability against Li for all-solid-state lithium batteries. Journal of Power Sources, 2018, 389, 140-147.	4.0	90
22	Cu2ZnSnS4/graphene nanocomposites for ultrafast, long life all-solid-state lithium batteries using lithium metal anode. Energy Storage Materials, 2016, 4, 59-65.	9.5	85
23	UV-cured polymer electrolyte for LiNi0.85Co0.05Al0.1O2//Li solid state battery working at ambient temperature. Energy Storage Materials, 2019, 22, 337-345.	9.5	82
24	Superior lithium ion conduction of polymer electrolyte with comb-like structure via solvent-free copolymerization for bipolar all-solid-state lithium battery. Journal of Materials Chemistry A, 2018, 6, 13438-13447.	5.2	80
25	Nickel sulfide anchored carbon nanotubes for all-solid-state lithium batteries with enhanced rate capability and cycling stability. Journal of Materials Chemistry A, 2018, 6, 12098-12105.	5.2	76
26	Porous hematite (Î±-Fe2O3) nanorods as an anode material with enhanced rate capability in lithium-ion batteries. Electrochemistry Communications, 2011, 13, 1439-1442.	2.3	75
27	Influence of the Liâ€“Geâ€“Pâ€“S based solid electrolytes on NCA electrochemical performances in all-solid-state lithium batteries. Solid State Ionics, 2015, 274, 8-11.	1.3	70
28	Fe₃S₄@Li₇P₃S₁₁ nanocomposites as cathode materials for all-solid-state lithium batteries with improved energy density and low cost. Journal of Materials Chemistry A, 2017, 5, 23919-23925.	5.2	69
29	Coreâ€“Shell Fe_{1â€“x}S@Na_{2.9}PS_{3.95}Se_{0.05} Nanorods for Room Temperature All-Solid-State Sodium Batteries with High Energy Density. ACS Nano, 2018, 12, 2809-2817.	7.3	68
30	Insights on the fundamental lithium storage behavior of all-solid-state lithium batteries containing the LiNi0.8Co0.15Al0.05O2 cathode and sulfide electrolyte. Journal of Power Sources, 2016, 307, 724-730.	4.0	67
31	One-pot preparation of new copolymer electrolytes with tunable network structure for all-solid-state lithium battery. Journal of Power Sources, 2016, 331, 322-331.	4.0	65
32	A large-size, bipolar-stacked and high-safety solid-state lithium battery with integrated electrolyte and cathode. Journal of Power Sources, 2018, 394, 57-66.	4.0	65
33	Tantalum oxide nanomesh as self-standing one nanometre thick electrolyte. Energy and Environmental Science, 2011, 4, 3509.	15.6	64
34	Nanoscaled Na₃PS₄ Solid Electrolyte for All-Solid-State FeS₂/Na Batteries with Ultrahigh Initial Coulombic Efficiency of 95% and Excellent Cyclic Performances. ACS Applied Materials & Interfaces, 2018, 10, 12300-12304.	4.0	64
35	Structure Integrity Endowed by a Ti-Containing Surface Layer towards Ultrastable LiNi_{0.8}Co_{0.15}Al_{0.05}O₂for All-Solid-State Lithium Batteries. Journal of the Electrochemical Society, 2016, 163, A1530-A1534.	1.3	43
36	Co₃S₄@Li₇P₃S₁₁ Hexagonal Platelets as Cathodes with Superior Interfacial Contact for All-Solid-State Lithium Batteries. ACS Applied Materials & Interfaces, 2020, 12, 14079-14086.	4.0	41

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37	NiS Nanorods as Cathode Materials for Allâ€Solidâ€State Lithium Batteries with Excellent Rate Capability and Cycling Stability. ChemElectroChem, 2016, 3, 764-769.	1.7	40
38	FeS nanosheets as positive electrodes for all-solid-state lithium batteries. Solid State Ionics, 2018, 318, 60-64.	1.3	36
39	Influence of phosphorus sources on lithium ion conducting performance in the system of Li2Oâ€“Al2O3â€“GeO2â€“P2O5 glassâ€“ceramics. Solid State Ionics, 2015, 270, 61-65.	1.3	32
40	Hybrid solid electrolytes with excellent electrochemical properties and their applications in all-solid-state cells. Ionics, 2017, 23, 2603-2611.	1.2	27
41	Facile synthesis of Co₉S₈ nanosheets for lithium ion batteries with enhanced rate capability and cycling stability. New Journal of Chemistry, 2017, 41, 9184-9191.	1.4	24
42	In Situ Coating of Li₇P₃S₁₁ Electrolyte on CuCo₂S₄/Graphene Nanocomposite as a High-Performance Cathode for All-Solid-State Lithium Batteries. ACS Applied Materials & Interfaces, 2020, 12, 33810-33816.	4.0	19
43	Titanium Dioxide Doping toward High-Lithium-Ion-Conducting Li_{1.5}Al_{0.5}Ge_{1.5}(PO₄)₃ Glass-Ceramics for All-Solid-State Lithium Batteries. ACS Applied Energy Materials, 2019, 2, 7299-7305.	2.5	18
44	Si/C nanocomposite anode materials by freeze-drying with enhanced electrochemical performance in lithium-ion batteries. Journal of Solid State Electrochemistry, 2012, 16, 2733-2738.	1.2	14
45	Synthesis and electrochemical properties of LiNi1/3Co1/3Mn1/3O2 cathodes in lithium-ion and all-solid-state lithium batteries. Ionics, 2015, 21, 43-49.	1.2	13
46	Formation of Excellent Cathode/Electrolyte Interface with UV-Cured Polymer Electrolyte through In Situ Strategy. Journal of the Electrochemical Society, 2021, 168, 020511.	1.3	10