

Yang Lu

List of Publications by Year in descending order

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20
papers

1,301
citations

687220

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h-index

752573

20
g-index

23
all docs

23
docs citations

23
times ranked

1143
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling Dendrite Growth in Solid-State Electrolytes. ACS Energy Letters, 2020, 5, 833-843.	8.8	322
2	Critical Current Density in Solid-State Lithium Metal Batteries: Mechanism, Influences, and Strategies. Advanced Functional Materials, 2021, 31, 2009925.	7.8	239
3	Unlocking the Failure Mechanism of Solid State Lithium Metal Batteries. Advanced Energy Materials, 2022, 12, 2100748.	10.2	129
4	The carrier transition from Li atoms to Li vacancies in solid-state lithium alloy anodes. Science Advances, 2021, 7, eabi5520.	4.7	110
5	Toward the Scale-Up of Solid-State Lithium Metal Batteries: The Gaps between Lab-Level Cells and Practical Large-Format Batteries. Advanced Energy Materials, 2021, 11, 2002360.	10.2	103
6	Anode-Free Solid-State Lithium Batteries: A Review. Advanced Energy Materials, 2022, 12, .	10.2	81
7	Nucleation and Growth Mechanism of Anion-Derived Solid Electrolyte Interphase in Rechargeable Batteries. Angewandte Chemie - International Edition, 2021, 60, 8521-8525.	7.2	77
8	Understanding the Impedance Response of Lithium Polysulfide Symmetric Cells. Small Science, 2021, 1, 2100042.	5.8	54
9	Post-operative electrode location and clinical efficacy of subthalamic nucleus deep brain stimulation in Meige syndrome. Parkinsonism and Related Disorders, 2019, 58, 40-45.	1.1	33
10	Toward Practical All-solid-state Batteries with Sulfide Electrolyte: A Review. Chemical Research in Chinese Universities, 2020, 36, 377-385.	1.3	24
11	Multilayer Ion Load and Diffusion on TMD/MXene Heterostructure Anodes for Alkali-Ion Batteries. ACS Applied Energy Materials, 2020, 3, 7699-7709.	2.5	22
12	Stress Regulation on Atomic Bonding and Ionic Diffusivity: Mechanochemical Effects in Sulfide Solid Electrolytes. Energy & Fuels, 2021, 35, 10210-10218.	2.5	22
13	Effect of aspirin on the pharmacokinetics and absorption of panax notoginseng saponins. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1074-1075, 25-33.	1.2	18
14	Nucleation and Growth Mechanism of Anion-Derived Solid Electrolyte Interphase in Rechargeable Batteries. Angewandte Chemie, 2021, 133, 8602-8606.	1.6	16
15	Management of Intractable Pain in Patients With Implanted Spinal Cord Stimulation Devices During the COVID-19 Pandemic Using a Remote and Wireless Programming System. Frontiers in Neuroscience, 2020, 14, 594696.	1.4	13
16	Experimental Studies of Electromagnetic Wave Attenuation by Flame and Smoke in Structure Fire. Fire Technology, 2017, 53, 5-27.	1.5	12
17	The Use of Remote Programming for Spinal Cord Stimulation for Patients With Chronic Pain During the COVID-19 Outbreak in China. Neuromodulation, 2021, 24, 441-447.	0.4	11
18	Application of Multimodal Image Fusion to Precisely Localize Small Intramedullary Spinal Cord Tumors. World Neurosurgery, 2018, 118, 246-249.	0.7	9

#	ARTICLE	IF	CITATIONS
19	Spinal cord stimulation for chronic intractable trunk or limb pain: study protocol for a Chinese multicenter randomized withdrawal trial (CITRIP study). <i>Trials</i> , 2020, 21, 834.	0.7	5
20	<i>In situ</i> triggering metallicity in 3D graphene via constructing wrinkle configuration. <i>Applied Physics Letters</i> , 2022, 120, 203503.	1.5	1