

Yang Lu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2389463/publications.pdf>

Version: 2024-02-01

20
papers

1,301
citations

686830

13
h-index

752256

20
g-index

23
all docs

23
docs citations

23
times ranked

1143
citing authors

#	ARTICLE	IF	CITATIONS
1	Unlocking the Failure Mechanism of Solid State Lithium Metal Batteries. Advanced Energy Materials, 2022, 12, 2100748.	10.2	129
2	<i>In situ</i> triggering metallicity in 3D graphene via constructing wrinkle configuration. Applied Physics Letters, 2022, 120, 203503.	1.5	1
3	Anode-Free Solid-State Lithium Batteries: A Review. Advanced Energy Materials, 2022, 12, .	10.2	81
4	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
5	Critical Current Density in Solid-State Lithium Metal Batteries: Mechanism, Influences, and Strategies. Advanced Functional Materials, 2021, 31, 2009925.	7.8	239
6	Nucleation and Growth Mechanism of Anion-Derived Solid Electrolyte Interphase in Rechargeable Batteries. Angewandte Chemie - International Edition, 2021, 60, 8521-8525.	7.2	77
7	Stress Regulation on Atomic Bonding and Ionic Diffusivity: Mechanochemical Effects in Sulfide Solid Electrolytes. Energy & Fuels, 2021, 35, 10210-10218.	2.5	22
8	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
9	Nucleation and Growth Mechanism of Anion-Derived Solid Electrolyte Interphase in Rechargeable Batteries. Angewandte Chemie, 2021, 133, 8602-8606.	1.6	16
10	Understanding the Impedance Response of Lithium Polysulfide Symmetric Cells. Small Science, 2021, 1, 2100042.	5.8	54
11	The carrier transition from Li atoms to Li vacancies in solid-state lithium alloy anodes. Science Advances, 2021, 7, eabi5520.	4.7	110
12	Spinal cord stimulation for chronic intractable trunk or limb pain: study protocol for a Chinese multicenter randomized withdrawal trial (CITRIP study). Trials, 2020, 21, 834.	0.7	5
13	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
14	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
15	Toward Practical All-solid-state Batteries with Sulfide Electrolyte: A Review. Chemical Research in Chinese Universities, 2020, 36, 377-385.	1.3	24
16	Controlling Dendrite Growth in Solid-State Electrolytes. ACS Energy Letters, 2020, 5, 833-843.	8.8	322
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Application of Multimodal Image Fusion to Precisely Localize Small Intramedullary Spinal Cord Tumors. World Neurosurgery, 2018, 118, 246-249.	0.7	9
20	Experimental Studies of Electromagnetic Wave Attenuation by Flame and Smoke in Structure Fire. Fire Technology, 2017, 53, 5-27.	1.5	12