

Jonathan Chun Fung Lau

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

3,119
citations

758635

12
h-index

1058022

14
g-index

15
all docs

15
docs citations

15
times ranked

4949
citing authors

#	ARTICLE	IF	CITATIONS
1	Achieving high energy density and high power density with pseudocapacitive materials. <i>Nature Reviews Materials</i> , 2020, 5, 5-19.	23.3	1,138
2	Conformal Ultrathin Film Metal-Organic Framework Analogues: Characterization of Growth, Porosity, and Electronic Transport. <i>Chemistry of Materials</i> , 2019, 31, 8977-8986.	3.2	11
3	Thermally Robust Non-Wetting Ni-PTFE Electrodeposited Nanocomposite. <i>Nanomaterials</i> , 2019, 9, 2.	1.9	25
4	Application of Poly(3-hexylthiophene-2,5-diyl) as a Protective Coating for High Rate Cathode Materials. <i>Chemistry of Materials</i> , 2018, 30, 2589-2599.	3.2	47
5	Synthesis and Properties of a Photopatternable Lithium-Ion Conducting Solid Electrolyte. <i>Advanced Materials</i> , 2018, 30, 1703772.	11.1	19
6	Growth Temperature and Electrochemical Performance in Vapor-Deposited Poly(3,4-ethylenedioxythiophene) Thin Films for High-Rate Electrochemical Energy Storage. <i>ACS Applied Energy Materials</i> , 2018, 1, 7093-7105.	2.5	22
7	A Metal-Organic Framework with Tetrahedral Aluminate Sites as a Single-Ion Li + Solid Electrolyte. <i>Angewandte Chemie</i> , 2018, 130, 16925-16929.	1.6	8
8	A Metal-Organic Framework with Tetrahedral Aluminate Sites as a Single-Ion Li ⁺ Solid Electrolyte. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16683-16687.	7.2	65
9	Sulfide Solid Electrolytes for Lithium Battery Applications. <i>Advanced Energy Materials</i> , 2018, 8, 1800933.	10.2	407
10	Monolithic Flexible Supercapacitors Integrated into Single Sheets of Paper and Membrane via Vapor Printing. <i>Advanced Materials</i> , 2017, 29, 1606091.	11.1	55
11	Three-dimensional holey-graphene/niobia composite architectures for ultrahigh-rate energy storage. <i>Science</i> , 2017, 356, 599-604.	6.0	1,229
12	Wear stability of superhydrophobic nano Ni-PTFE electrodeposits. <i>Wear</i> , 2017, 374-375, 1-4.	1.5	30
13	iCVD Cyclic Polysiloxane and Polysilazane as Nanoscale Thin-Film Electrolyte: Synthesis and Properties. <i>Macromolecular Rapid Communications</i> , 2016, 37, 446-452.	2.0	28
14	Nanoscale, conformal polysiloxane thin film electrolytes for three-dimensional battery architectures. <i>Materials Horizons</i> , 2015, 2, 309-314.	6.4	34
15	Scaled carbon-ionogel supercapacitors for electronic circuits. , 2014, , .		1