

John P Lemmon

List of Publications by Year in descending order

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12
papers

4,742
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

7077
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Energy Storage for Green Grid. <i>Chemical Reviews</i> , 2011, 111, 3577-3613.	47.7	4,276
2	Highly efficient electrochemical reforming of CH ₄ /CO ₂ in a solid oxide electrolyser. <i>Science Advances</i> , 2018, 4, eaar5100.	10.3	136
3	In-situ organic SEI layer for dendrite-free lithium metal anode. <i>Energy Storage Materials</i> , 2020, 27, 69-77.	18.0	70
4	Rearrange SEI with artificial organic layer for stable lithium metal anode. <i>Energy Storage Materials</i> , 2020, 24, 618-625.	18.0	65
5	Artificial Solid-Electrolyte Interphase for Lithium Metal Batteries. <i>Batteries and Supercaps</i> , 2021, 4, 445-455.	4.7	56
6	All-Liquid Electroactive Materials for High Energy Density Organic Flow Battery. <i>ACS Applied Energy Materials</i> , 2019, 2, 2364-2369.	5.1	50
7	DFT simulation of the X-ray diffraction pattern of aluminum-ion-intercalated graphite used as the cathode material of the aluminum-ion battery. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 5969-5975.	2.8	23
8	A low potential solvent-miscible 3-methylbenzophenone anolyte material for high voltage and energy density all-organic flow battery. <i>Journal of Power Sources</i> , 2020, 445, 227330.	7.8	20
9	Homogenous charge distribution by free-standing porous structure for dendrite-free Li metal anode. <i>Journal of Energy Chemistry</i> , 2020, 44, 68-72.	12.9	15
10	A nonaqueous all organic semisolid flow battery. <i>Chemical Communications</i> , 2019, 55, 14214-14217.	4.1	14
11	Tunable pore structure for confining polysulfides in high performance Li-S battery with coal precursor. <i>Applied Surface Science</i> , 2018, 458, 714-721.	6.1	13
12	High-Throughput Exploration of Lithium-Alloy Protection Layers for High-Performance Lithium-Metal Batteries. <i>ACS Applied Energy Materials</i> , 2020, 3, 2547-2555.	5.1	4