

Andrew A Wong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3311436/publications.pdf>

Version: 2024-02-01

15
papers

482
citations

933447

10
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

624
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced manufacturing for electrosynthesis of fuels and chemicals from CO ₂ . Energy and Environmental Science, 2021, 14, 3064-3074.	30.8	50
2	Direct visualization of electrochemical reactions and heterogeneous transport within porous electrodes in operando by fluorescence microscopy. Cell Reports Physical Science, 2021, 2, 100388.	5.6	24
3	Comparative Techno-Economic and Life Cycle Analysis of Water Oxidation and Hydrogen Oxidation at the Anode in a CO ₂ Electrolysis to Ethylene System. ACS Sustainable Chemistry and Engineering, 2021, 9, 14678-14689.	6.7	9
4	Method for Comparing Porous Carbon Electrode Performance in Redox Flow Batteries. Journal of the Electrochemical Society, 2020, 167, 110542.	2.9	19
5	<i>In situ</i> electrosynthesis of anthraquinone electrolytes in aqueous flow batteries. Green Chemistry, 2020, 22, 6084-6092.	9.0	29
6	Extremely Stable Anthraquinone Negolytes Synthesized from Common Precursors. Chem, 2020, 6, 1432-1442.	11.7	100
7	Imaging the native inversion layer under buried oxide in silicon-on-insulator radio frequency device technology via scanning surface photovoltage microscopy. Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics, 2019, 37, 052906.	1.2	0
8	A High Voltage Aqueous Zinc-Organic Hybrid Flow Battery. Advanced Energy Materials, 2019, 9, 1900694.	19.5	97
9	The Effect of Interdigitated Channel and Land Dimensions on Flow Cell Performance. Journal of the Electrochemical Society, 2018, 165, A2625-A2643.	2.9	43
10	Rational Evaluation and Cycle Life Improvement of Quinone-Based Aqueous Flow Batteries Guided by In-Line Optical Spectrophotometry. Journal of the Electrochemical Society, 2018, 165, A1770-A1776.	2.9	15
11	Direct Visualization of Electrochemical Reactions and Comparison of Commercial Carbon Papers <i>in operando</i> by Fluorescence Microscopy Using a Quinone-Based Flow Cell. ECS Transactions, 2017, 77, 153-161.	0.5	25
12	UV-Vis spectrophotometry of quinone flow battery electrolyte for <i>in situ</i> monitoring and improved electrochemical modeling of potential and quinhydrone formation. Physical Chemistry Chemical Physics, 2017, 19, 31684-31691.	2.8	57
13	Nano-needle structured, ambipolar high electrical conductivity SnO _x (x ≈ 1) thin films for infrared optoelectronics. Journal of Applied Physics, 2015, 117, .	2.5	10
14	High-performance infrared light trapping in nano-needle structured p ⁺ SnO _x (x ≈ 1)/thin film n-Ge photodiodes on Si. Optics Letters, 2015, 40, 2603.	3.3	3
15	Nanostructured Conductive SnO _x (x < 2) for High Efficiency Light Trapping in Thin film and 2D Material Photonic Devices. , 2015, , .		1