

# David P Trudgeon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5003886/publications.pdf>

Version: 2024-02-01

9  
papers

276  
citations

1478505

6  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

370  
citing authors

#	ARTICLE	IF	CITATIONS
1	The characteristics and performance of hybrid redox flow batteries with zinc negative electrodes for energy storage. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 90, 992-1016.	16.4	77
2	3D Hierarchically Structured CoS Nanosheets: Li <sup>+</sup> Storage Mechanism and Application of the High-Performance Lithium-Ion Capacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 3709-3718.	8.0	72
3	Screening of effective electrolyte additives for zinc-based redox flow battery systems. <i>Journal of Power Sources</i> , 2019, 412, 44-54.	7.8	54
4	Density Functional Theory Study of NiFeCo Ternary Oxy-Hydroxides for an Efficient and Stable Oxygen Evolution Reaction Catalyst. <i>ACS Omega</i> , 2020, 5, 20517-20524.	3.5	24
5	Carbon Materials as Positive Electrodes in Bromine-Based Flow Batteries. <i>ChemPlusChem</i> , 2022, 87, e202100441.	2.8	23
6	The effect of electrolyte and additive concentration on zinc-nickel flow cell performance. <i>Electrochimica Acta</i> , 2021, 367, 137479.	5.2	8
7	Cu-assisted induced atomic-level bivalent Fe confined on N-doped carbon concave dodecahedrons for acid oxygen reduction electrocatalysis. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 1997-2006.	7.1	7
8	The influence of zinc electrode substrate, electrolyte flow rate and current density on zinc-nickel flow cell performance. <i>Electrochimica Acta</i> , 2021, 373, 137890.	5.2	7
9	Selection of oxygen reduction catalysts for secondary tri-electrode zinc-air batteries. <i>Scientific Reports</i> , 2022, 12, 6696.	3.3	4