

Nicolas Dubouis

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,512
citations

623734

14
h-index

888059

17
g-index

32
all docs

32
docs citations

32
times ranked

2130
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of electrolyte flow on a gas evolution electrode. Scientific Reports, 2021, 11, 4677.	3.3	17
2	Confining Water in Ionic and Organic Solvents to Tune Its Adsorption and Reactivity at Electrified Interfaces. Accounts of Chemical Research, 2021, 54, 1034-1042.	15.6	21
3	Anion Specific Effects Drive the Formation of Li-Salt Based Aqueous Biphasic Systems. Journal of Physical Chemistry B, 2021, 125, 5365-5372.	2.6	9
4	Extending insertion electrochemistry to soluble layered halides with superconcentrated electrolytes. Nature Materials, 2021, 20, 1545-1550.	27.5	25
5	Crystallographic and magnetic structures of the $\sqrt{3} \times \sqrt{3} \times 1$ and $\sqrt{3} \times \sqrt{3} \times 2$ phases of LiVPO_4 and $\text{LiVPO}_4 \cdot x\text{H}_2\text{O}$. <i>Journal of Solid State Chemistry</i> , 2021, 397, 101001.	3.2	13
6	Toward the understanding of water-in-salt electrolytes: Individual ion activities and liquid junction potentials in highly concentrated aqueous solutions. Journal of Chemical Physics, 2021, 155, 064701.	3.0	15
7	Tuning water reduction through controlled nanoconfinement within an organic liquid matrix. Nature Catalysis, 2020, 3, 656-663.	34.4	91
8	Revealing the Impact of Electrolyte Composition for Co-Based Water Oxidation Catalysts by the Study of Reaction Kinetics Parameters. ACS Catalysis, 2020, 10, 4160-4170.	11.2	43
9	Importance of Water Structure and Catalyst-Electrolyte Interface on the Design of Water Splitting Catalysts. Chemistry of Materials, 2019, 31, 8248-8259.	6.7	54
10	The hydrogen evolution reaction: from material to interfacial descriptors. Chemical Science, 2019, 10, 9165-9181.	7.4	560
11	A Dissolution/Precipitation Equilibrium on the Surface of Iridium-Based Perovskites Controls Their Activity as Oxygen Evolution Reaction Catalysts in Acidic Media. Angewandte Chemie - International Edition, 2019, 58, 4571-4575.	13.8	141
12	A Dissolution/Precipitation Equilibrium on the Surface of Iridium-Based Perovskites Controls Their Activity as Oxygen Evolution Reaction Catalysts in Acidic Media. Angewandte Chemie, 2019, 131, 4619-4623.	2.0	41
13	Chasing Aqueous Biphasic Systems from Simple Salts by Exploring the $\text{LiTFSI}/\text{LiCl}/\text{H}_2\text{O}$ Phase Diagram. ACS Central Science, 2019, 5, 640-643.	11.3	31
14	The Effect of Water on Quinone Redox Mediators in Nonaqueous Li-O_2 Batteries. Journal of the American Chemical Society, 2018, 140, 1428-1437.	13.7	88
15	Interfacial Interactions as an Electrochemical Tool To Understand Mo-Based Catalysts for the Hydrogen Evolution Reaction. ACS Catalysis, 2018, 8, 828-836.	11.2	34
16	The role of the hydrogen evolution reaction in the solid-electrolyte interphase formation mechanism for H_2O -in-Salt electrolytes. Energy and Environmental Science, 2018, 11, 3491-3499.	30.8	224
17	The Fate of Water at the Electrochemical Interfaces: Electrochemical Behavior of Free Water Versus Coordinating Water. Journal of Physical Chemistry Letters, 2018, 9, 6683-6688.	4.6	105