

Yusaku F Nishimura

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

163
citations

1307594

7
h-index

1372567

10
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13
all docs

13
docs citations

13
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-assembled Cuprous Coordination Polymer as a Catalyst for CO ₂ Electrochemical Reduction into C ₂ Products. ACS Catalysis, 2020, 10, 10412-10419.	11.2	44
2	In situ X-ray Raman scattering spectroscopy of a graphite electrode for lithium-ion batteries. Journal of Power Sources, 2019, 419, 203-207.	7.8	36
3	Studying the Charging Process of a Lithium-Ion Battery toward 10 V by In Situ X-ray Absorption and Diffraction: Lithium Insertion/Extraction with Side Reactions at Positive and Negative Electrodes. Journal of the Electrochemical Society, 2016, 163, A1450-A1456.	2.9	21
4	Guiding the Catalytic Properties of Copper for Electrochemical CO ₂ Reduction by Metal Atom Decoration. ACS Applied Materials & Interfaces, 2021, 13, 52044-52054.	8.0	16
5	Low-Overpotential Electrochemical Water Oxidation Catalyzed by CuO Derived from 2 nm-Sized Cu ₂ (NO ₃) ₃ (OH) ₃ Nanoparticles Generated by Laser Ablation at the Air-Liquid Interface. ACS Applied Energy Materials, 2020, 3, 8383-8392.	5.1	12
6	Operando X-ray absorption spectroscopy of hyperfine ⁵⁷ FeOOH nanorods modified with amorphous Ni(OH) ₂ under electrocatalytic water oxidation conditions. Chemical Communications, 2020, 56, 5158-5161.	4.1	12
7	<i>In situ</i> X-ray Raman spectroscopy and magnetic susceptibility study on the Li _{0.15} Mn _{1.85} O ₄ oxygen anion redox reaction. Chemical Communications, 2020, 56, 1701-1704.	4.1	11
8	Electrochemical CO ₂ reduction improved by tuning the Cu-Cu distance in halogen-bridged dinuclear cuprous coordination polymers. Journal of Catalysis, 2021, 404, 12-17.	6.2	5
9	Hard X-ray spectroscopic methods using emitted X-ray to understand charge compensation in positive electrode materials for lithium-ion batteries. Journal of Power Sources, 2019, 434, 226721.	7.8	4
10	Estimation of the average oxidation number of nickel in a nickel oxide based on local structural information. Journal of Power Sources, 2020, 446, 227351.	7.8	2
11	Hard X-ray Photon-in/Photon-out Spectroscopies of Lithium-ion Battery Electrodes. Synchrotron Radiation News, 2020, 33, 34-39.	0.8	0