

Yuki Sato

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

180
citations

1307594

7
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	High-corrosion-resistance mechanism of graphitized platelet-type carbon nanofibers in the OER in a concentrated alkaline electrolyte. <i>Journal of Materials Chemistry A</i> , 2022, 10, 8208-8217.	10.3	8
2	Rapid, sensitive universal paper-based device enhances competitive immunoassays of small molecules. <i>Analytica Chimica Acta</i> , 2021, 1144, 85-95.	5.4	19
3	$\text{La}_{0.8}\text{Sr}_{0.2}\text{Co}_{1-x}\text{Ni}_x\text{O}_{3-\delta}$ as the Efficient Triple Conductor Air Electrode for Protonic Ceramic Cells. <i>ACS Applied Energy Materials</i> , 2021, 4, 554-563.	5.1	34
4	<i>In Situ</i> Activation of a Manganese Perovskite Oxygen Reduction Catalyst in Concentrated Alkaline Media. <i>Journal of the American Chemical Society</i> , 2021, 143, 6505-6515.	13.7	25
5	Fabrication of superhydrophobic copper metal nanowire surfaces with high thermal conductivity. <i>Applied Surface Science</i> , 2021, 537, 147854.	6.1	17
6	Highly Durable Oxygen Evolution Reaction Catalyst: Amorphous Oxyhydroxide Derived from Brownmillerite-Type $\text{Ca}_2\text{FeCoO}_5$. <i>ACS Applied Energy Materials</i> , 2020, 3, 5269-5276.	5.1	10
7	Long-term durability of platelet-type carbon nanofibers for OER and ORR in highly alkaline media. <i>Applied Catalysis A: General</i> , 2020, 597, 117555.	4.3	23
8	(Invited) Highly Durable Platelet-Type Carbon Nanofibers for Oer in Alkaline Electrolyte. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 2805-2805.	0.0	0
9	Prussian-Blue Type Cyanometallate Systems with Cobalt and Ruthenium As Oxygen Evolution Electrocatalytic Components for Water Electrolysis in Acid Medium. <i>ECS Meeting Abstracts</i> , 2020, MA2020-01, 1555-1555.	0.0	0
10	Spinel-Type Metal Oxide Nanoparticles Supported on Platelet-Type Carbon Nanofibers as a Bifunctional Catalyst for Oxygen Evolution Reaction and Oxygen Reduction Reaction. <i>Electrochemistry</i> , 2020, 88, 566-573.	1.4	5
11	Spinel-Type Metal Oxide Nanoparticles Supported on Platelet-Type Carbon Nanofibers for Oxygen Evolution Reaction and Oxygen Reduction Reaction. <i>ECS Meeting Abstracts</i> , 2020, MA2020-02, 3618-3618.	0.0	0
12	Ultra-rapid formation of crystalline anatase TiO ₂ films highly doped with substrate species by a cathodic deposition method. <i>Electrochemistry Communications</i> , 2019, 108, 106561.	4.7	5
13	Electrochemical Oxidation of Hf-Nb Alloys as a Valuable Route to Prepare Mixed Oxides of Tailored Dielectric Properties. <i>Advanced Electronic Materials</i> , 2018, 4, 1800006.	5.1	17
14	Highly increased breakdown potential of anodic films on aluminum using a sealed porous layer. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 2073-2081.	2.5	4
15	Development of Self-Healing Coatings with Micro Capsules for Corrosion Protection of Metal. <i>ECS Transactions</i> , 2017, 75, 89-99.	0.5	7
16	Self-Healing Coat for Corrosion Resistance of Metal with Micro-Capsules Dispersed. <i>Zairyo To Kankyo/Corrosion Engineering</i> , 2016, 65, 149-153.	0.2	6