

Daisuke Takimoto

List of Publications by Year in descending order

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papers

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1307594

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223
citing authors

#	ARTICLE	IF	CITATIONS
1	Ru-core@Pt-shell nanosheet for fuel cell electrocatalysts with high activity and durability. <i>Journal of Catalysis</i> , 2017, 345, 207-215.	6.2	31
2	Synthesis and Oxygen Electrocatalysis of Iridium Oxide Nanosheets. <i>Electrocatalysis</i> , 2017, 8, 144-150.	3.0	30
3	Two-Dimensional Effects on the Oxygen Reduction Reaction and Irreversible Surface Oxidation of Metallic Ru Nanosheets and Nanoparticles. <i>ACS Applied Nano Materials</i> , 2019, 2, 5743-5751.	5.0	16
4	Improving oxygen reduction reaction activity and durability of 1.5nm Pt by addition of ruthenium oxide nanosheets. <i>Electrochemistry Communications</i> , 2013, 33, 123-126.	4.7	13
5	Suppression of CO Adsorption on PtRu/C Catalysts Modified with Metallic Ruthenium Nanosheets. <i>Journal of the Electrochemical Society</i> , 2016, 163, F367-F371.	2.9	10
6	Lateral Size Effects of Two-dimensional IrO ₂ Nanosheets towards the Oxygen Evolution Reaction Activity. <i>Electrochemistry</i> , 2017, 85, 779-783.	1.4	10
7	Conductive Nanosized Magn ²⁺ -Phase TiO ₂ with a Core@Shell Structure. <i>Inorganic Chemistry</i> , 2019, 58, 7062-7068.	4.0	7
8	Platinum Group Metal-based Nanosheets: Synthesis and Application towards Electrochemical Energy Storage and Conversion. <i>Chemistry Letters</i> , 2021, 50, 1304-1312.	1.3	7
9	Zero-Overpotential Redox Reactions of Quinone-Based Molecules Confined in Carbon Micropores. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 31131-31139.	8.0	6
10	Fabrication of Three-Dimensional Porous Materials with NiO Nanowalls for Electrocatalytic Oxygen Evolution. <i>ACS Applied Nano Materials</i> , 2021, 4, 8059-8065.	5.0	5
11	Direct preparation of core-shell platinum cathode in membrane electrode assembly catalyst layer for polymer electrolyte fuel cell. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 14547-14551.	7.1	4
12	Size Dependent Fast Li Ion Storage Based on Size Regulated TiO ₂ (B) Nanosheet Electrodes with Vertical, Horizontal and Random Alignment. <i>Electrochemistry</i> , 2020, 88, 305-309.	1.4	4
13	Oxygen Reduction Reaction Activity and Stability of Electrochemically Deposited Bilirubin Oxidase. <i>Chemistry Letters</i> , 2018, 47, 1269-1271.	1.3	3
14	Enhancement in the Charge-Transfer Kinetics of Pseudocapacitive Iridium-Doped Layered Manganese Oxide. <i>Inorganic Chemistry</i> , 2022, 61, 4566-4571.	4.0	1