

Kotaro Takeyasu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1101271/publications.pdf>

Version: 2024-02-01

12
papers

617
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

900
citing authors

#	ARTICLE	IF	CITATIONS
1	Active Sites and Mechanism of Oxygen Reduction Reaction Electrocatalysis on Nitrogen-Doped Carbon Materials. <i>Advanced Materials</i> , 2019, 31, e1804297.	21.0	459
2	Role of Pyridinic Nitrogen in the Mechanism of the Oxygen Reduction Reaction on Carbon Electrocatalysts. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5121-5124.	13.8	61
3	Versatile nanoarchitectonics of Pt with morphology control of oxygen reduction reaction catalysts. <i>Science and Technology of Advanced Materials</i> , 2022, 23, 413-423.	6.1	28
4	Two charged states of hydrogen on the SrTiO ₃ (001) surface. <i>Journal of Chemical Physics</i> , 2014, 140, 084703.	3.0	16
5	Control of the surface electronic structure of SrTiO ₃ (001) by modulation of the density of oxygen vacancies. <i>Journal of Physics Condensed Matter</i> , 2013, 25, 162202.	1.8	12
6	CoOx electro-catalysts anchored on nitrogen-doped carbon nanotubes for the oxygen evolution reaction. <i>Sustainable Energy and Fuels</i> , 2021, 5, 820-827.	4.9	10
7	Role of Pyridinic Nitrogen in the Mechanism of the Oxygen Reduction Reaction on Carbon Electrocatalysts. <i>Angewandte Chemie</i> , 2021, 133, 5181-5184.	2.0	9
8	Hydrogenation of Formate Species Using Atomic Hydrogen on a Cu(111) Model Catalyst. <i>Journal of the American Chemical Society</i> , 2022, 144, 12158-12166.	13.7	8
9	Analysis of a Pumping Curve of Water with the Conversion Equation from Pressure to Adsorption Density of States. <i>Journal of the Vacuum Society of Japan</i> , 2013, 56, 457-460.	0.3	5
10	Analytical Formula for Calculating Adsorption Density of States on Chamber Surfaces from Measured Pressure Change. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 114602.	1.6	3
11	Temperature dependence of hydrogen depth distribution in the near-surface region of stainless steel. <i>Vacuum</i> , 2014, 109, 230-233.	3.5	3
12	Adsorption geometry of methyl chloride weakly interacting with Ag(111). <i>Journal of Physics Communications</i> , 2018, 2, 075017.	1.2	3