Kotaro Takeyasu

List of Publications by Year
in descending order

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	Versatile nanoarchitectonics of Pt with morphology control of oxygen reduction reaction catalysts. Science and Technology of Advanced Materials, 2022, 23, 413-423.	6.1	28
2	Hydrogenation of Formate Species Using Atomic Hydrogen on a Cu(111) Model Catalyst. Journal of the American Chemical Society, 2022, 144, 12158-12166.	13.7	8
3	Role of Pyridinic Nitrogen in the Mechanism of the Oxygen Reduction Reaction on Carbon Electrocatalysts. Angewandte Chemie - International Edition, 2021, 60, 5121-5124.	13.8	61
4	Role of Pyridinic Nitrogen in the Mechanism of the Oxygen Reduction Reaction on Carbon Electrocatalysts. Angewandte Chemie, 2021, 133, 5181-5184.	2.0	9
5	CoOx electro-catalysts anchored on nitrogen-doped carbon nanotubes for the oxygen evolution reaction. Sustainable Energy and Fuels, 2021, 5, 820-827.	4.9	10
6	Active Sites and Mechanism of Oxygen Reduction Reaction Electrocatalysis on Nitrogenâ€Doped Carbon Materials. Advanced Materials, 2019, 31, e1804297.	21.0	459
7	Adsorption geometry of methyl chloride weakly interacting with Ag(111). Journal of Physics Communications, 2018, 2, 075017.	1.2	3
8	Temperature dependence of hydrogen depth distribution in the near-surface region of stainless steel. Vacuum, 2014, 109, 230-233.	3.5	3
9	Two charged states of hydrogen on the SrTiO3(001) surface. Journal of Chemical Physics, 2014, 140, 084703.	3.0	16
10	Control of the surface electronic structure of SrTiO‹sub›3‹/sub›(001) by modulation of the density of oxygen vacancies. Journal of Physics Condensed Matter, 2013, 25, 162202.	1.8	12
11	Analytical Formula for Calculating Adsorption Density of States on Chamber Surfaces from Measured Pressure Change. Journal of the Physical Society of Japan, 2013, 82, 114602.	1.6	3
12	Analysis of a Pumping Curve of Water with the Conversion Equation from Pressure to Adsorption Density of States. Journal of the Vacuum Society of Japan, 2013, 56, 457-460.	0.3	5