Masahiro Kunimoto

List of Publications by Year
in descending order

15	127	1163117 8	1281871 11
papers	citations	h-index	g-index

15	15	15	156
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Purification of Diatomaceous Earth using Acid Leaching Process to Produce High Purity Silica for Solar-Grade Silicon. Separation Science and Technology, 2022, 57, 2261-2268.	2.5	1
2	Multiscale Simulation of Irregular Shape Evolution during the Initial Stage of Zn Electrodeposition on a Negative Electrode Surface. Journal of Physical Chemistry C, 2022, 126, 5224-5232.	3.1	2
3	Surfaceâ€enhanced Raman Spectroscopy for Versatile in situ Measurements of Local pH near Electrode Surface. Electroanalysis, 2022, 34, 1682-1689.	2.9	3
4	Carbonate formation on carbon electrode in rechargeable zinc-air battery revealed by in-situ Raman measurements. Journal of Power Sources, 2022, 533, 231237.	7.8	14
5	Effect of Channel Type Reactor for Efficient Extraction of B for Production of High Purity Silica. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2022, 73, 312-318.	0.2	0
6	Direct Formation of Metal Layer on Anion Exchange Membrane Using Electroless Deposition Process. Electrochemistry, 2021, 89, 192-196.	1.4	3
7	Key Ionic Electrolytes for Highly Selfâ€Stable Lightâ€Emitting Electrochemical Cells Based on Ir(III) Complexes. Advanced Optical Materials, 2020, 8, 2000295.	7.3	18
8	(Invited) Molecular-Level Analysis of Electrodeposition Processes Using Theoretical Calculations and Surface Enhanced Raman Microscopy. ECS Meeting Abstracts, 2019, , .	0.0	0
9	Depth profiling of APTES self-assembled monolayers using surface-enhanced confocal Raman microspectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 184, 1-6.	3.9	21
10	Transmission-type plasmonic sensor for surface-enhanced Raman spectroscopy. Applied Physics Express, 2016, 9, 122002.	2.4	6
11	Theoretical analysis of the influence of surface defects on the reactivity of hypophosphite ions. Electrochimica Acta, 2013, 113, 785-791.	5.2	12
12	Analysis of hydrazine on a Cu surface with nanoscale resolution using surface enhanced Raman spectroscopy. Electrochimica Acta, 2013, 100, 317-320.	5.2	18
13	Raman and DFT Study of the Reaction of Hydrazine and Hypophosphite on a Cu Surface in the Electroless Deposition Process. Electrochemistry, 2013, 81, 674-677.	1.4	9
14	Theoretical Analysis of Adsorption Structure of Hydrated Hypophosphite Ion on Pd (111) Surface. Electrochemistry, 2012, 80, 222-225.	1.4	9
15	Theoretical Analysis of Catalytic Activity of Metal Surfaces on Reaction of Hypophosphite Ion. Electrochemistry, 2012, 80, 126-131.	1.4	11