

Masayuki Morimoto

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5088352/publications.pdf>

Version: 2024-02-01

12
papers

275
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

479
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrodeposited Cu-Sn Alloy for Electrochemical CO ₂ Reduction to CO/HCOO ⁻ . <i>Electrocatalysis</i> , 2018, 9, 323-332.	3.0	76
2	Excitation of H ₂ O at the plasma/water interface by UV irradiation for the elevation of ammonia production. <i>Green Chemistry</i> , 2018, 20, 627-633.	9.0	51
3	Contribution of Discharge Excited Atomic N, N ₂ [*] , and N ₂ ⁺⁺ to a Plasma/Liquid Interfacial Reaction as Suggested by Quantitative Analysis. <i>ChemPhysChem</i> , 2019, 20, 1467-1474.	2.1	38
4	Experimental and Theoretical Elucidation of Electrochemical CO ₂ Reduction on an Electrodeposited Cu ₃ Sn Alloy. <i>Journal of Physical Chemistry C</i> , 2019, 123, 3004-3010.	3.1	28
5	Visualization of catalytic edge reactivity in electrochemical CO ₂ reduction on porous Zn electrode. <i>Electrochimica Acta</i> , 2018, 290, 255-261.	5.2	26
6	Highly Selective Methane Production Through Electrochemical CO ₂ reduction by Electrolytically Plated Cu-Co Electrode. <i>Electrocatalysis</i> , 2019, 10, 29-34.	3.0	16
7	Nitrogen Fixation through the Plasma/Liquid Interfacial Reaction with Controlled Conditions of Each Phase as the Reaction Locus. <i>Electrochemistry</i> , 2020, 88, 190-194.	1.4	16
8	Anodized Zn electrode for formate selectivity during the electrochemical reduction of CO ₂ at low applied potential. <i>Electrochemistry Communications</i> , 2022, 138, 107281.	4.7	7
9	Electronic structure and thermal conductance of the MASnI ₃ /Bi ₂ Te ₃ interface: a first-principles study. <i>Scientific Reports</i> , 2022, 12, 217.	3.3	5
10	Sustainable process for functional group introduction onto HOPG by exposing OH and IO ₂ using a radical vapor reactor (RVR) without any chemical reagents. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 522, 328-334.	4.7	4
11	Green Surface Cleaning in a Radical Vapor Reactor to Remove Organic Fouling on a Substrate. <i>Electrochemistry</i> , 2018, 86, 355-362.	1.4	4
12	Decreasing the Overpotential for Formate Production in Electrochemical CO ₂ Reduction Achieved by Anodized Sn Electrode. <i>Electrocatalysis</i> , 2022, 13, 72-80.	3.0	4