

Masayuki Morimoto

List of Publications by Year in descending order

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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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | Contribution of Discharge Excited Atomic N, N ₂ [*] , and N ₂ ^{+<sup></sup> to a Plasma/Liquid Interfacial Reaction as Suggested by Quantitative Analysis. <i>ChemPhysChem</i>, 2019, 20, 1467-1474.} | 2.1 | 38 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Electrodeposited Cu-Sn Alloy for Electrochemical CO ₂ Reduction to CO/HCOO ⁻ . <i>Electrocatalysis</i> , 2018, 9, 323-332. | 3.0 | 76 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |