

Sung Ki Cho

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4872613/publications.pdf>

Version: 2024-02-01

26
papers

562
citations

840776

11
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

902
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced catalytic activity of electrodeposited Ni-Cu-P toward oxygen evolution reaction. Applied Catalysis B: Environmental, 2018, 237, 409-415.	20.2	116
2	Metal Doping of BiVO ₄ by Composite Electrodeposition with Improved Photoelectrochemical Water Oxidation. Journal of Physical Chemistry C, 2013, 117, 23048-23056.	3.1	94
3	Electrodeposition of Crystalline and Photoactive Silicon Directly from Silicon Dioxide Nanoparticles in Molten CaCl ₂ . Angewandte Chemie - International Edition, 2012, 51, 12740-12744.	13.8	77
4	Formation of a silicon layer by electroreduction of SiO ₂ nanoparticles in CaCl ₂ molten salt. Electrochimica Acta, 2012, 65, 57-63.	5.2	71
5	Microvia Filling with Copper Electroplated with Quaternary Ammonium-Based Leveler: The Evaluation of Convection-Dependent Adsorption Behavior of the Leveler. Journal of the Electrochemical Society, 2017, 164, D1051-D1055.	2.9	28
6	Photoelectrochemical response of Au-decorated CuBi ₂ O ₄ photocathode in bicarbonate solution. Journal of Electroanalytical Chemistry, 2019, 838, 172-177.	3.8	18
7	Revealing the inhibition effect of quaternary ammonium cations on Cu electrodeposition. Journal of Applied Electrochemistry, 2020, 50, 245-253.	2.9	14
8	Structural Influence of Terminal Functional Groups on TEG-Based Leveler in Microvia Filling. Journal of the Electrochemical Society, 2020, 167, 102505.	2.9	14
9	Electrochemically Identified Ultrathin Water-Oxidation Catalyst in Neutral pH Solution Containing Ni ²⁺ and Its Combination with Photoelectrode. ACS Omega, 2017, 2, 432-442.	3.5	13
10	Development of Three-Dimensional Nickel-Cobalt Oxide Nanoflowers for Superior Photocatalytic Degradation of Food Colorant Dyes: Catalyst Properties and Reaction Kinetic Study. Langmuir, 2021, 37, 12929-12939.	3.5	13
11	Voltammetric Observation of Transient Catalytic Behavior of SPS in Copper Electrodeposition—Its Interaction with Cuprous Ion from Comproportionation. Journal of the Electrochemical Society, 2016, 163, D428-D433.	2.9	12
12	Electrodeposited single-crystalline PbCrO ₄ microrods for photoelectrochemical water oxidation: enhancement of minority carrier diffusion. Journal of Materials Chemistry A, 2018, 6, 13312-13320.	10.3	12
13	Visible Light Photoelectrochemical Properties of PbCrO ₄ , Pb ₂ CrO ₅ , and Pb ₅ CrO ₈ . Journal of Physical Chemistry C, 2017, 121, 17561-17568.	3.1	11
14	Understanding and improving photoelectrochemical performance of Bi ₂ O ₃ /Bi ₂ S ₃ composite. New Journal of Chemistry, 2019, 43, 11893-11902.	2.8	10
15	Photoelectrochemical water oxidation on PbCrO ₄ thin film photoanode fabricated via Pechini method: Various solution-processes for PbCrO ₄ film synthesis. Journal of Electroanalytical Chemistry, 2020, 878, 114601.	3.8	7
16	Electrochemical Generation of Mesopores and Residual Oxygen for the Enhanced Activity of Silver Electrocatalysts. Journal of Physical Chemistry Letters, 2021, 12, 5748-5757.	4.6	5
17	Effect of Halides on Cu Electrodeposit Film: Potential-Dependent Impurity Incorporation. Journal of the Electrochemical Society, 2017, 164, D493-D497.	2.9	4
18	Octylphenol ethoxylate surfactant as a suppressor in copper electrodeposition. Transactions of the Institute of Metal Finishing, 2019, 97, 22-27.	1.3	4

#	ARTICLE	IF	CITATIONS
19	Catalyst-mediated doping in electrochemical growth of solar silicon. <i>Electrochimica Acta</i> , 2021, 367, 137472.	5.2	4
20	The Evaluation of Polarized Dynamic Reference Electrode (p-Dyn RE) for LiCl-1 wt% Li ₂ O Molten Salt at 650°C: Li+/Li p-Dyn RE versus O ₂ /O ₂ ^{•-} p-Dyn RE. <i>Journal of the Electrochemical Society</i> , 2016, 163, E308-E312.	2.9	3
21	Gravimetric analysis of the autocatalytic growth of copper microparticles in aqueous solution. <i>RSC Advances</i> , 2019, 9, 37895-37900.	3.6	3
22	Effect of sodium dodecyl sulphate on Cu electrodeposition: interaction with hydrophobic substrate and Cu ions. <i>Transactions of the Institute of Metal Finishing</i> , 2022, 100, 152-158.	1.3	3
23	Electrochemical Vapor Deposition of Semiconductors from Gas Phase with a Solid Membrane Cell. <i>Journal of the American Chemical Society</i> , 2015, 137, 6638-6642.	13.7	2
24	Cu seed layer damage caused by insoluble anode in Cu electrodeposition. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 1490-1494.	2.7	2
25	Electrochemical study on the decomposition kinetics of molten Li/Na carbonate using Au wire electrode. <i>Journal of Electroanalytical Chemistry</i> , 2019, 838, 148-153.	3.8	0
26	Electrochemical Study on MgO as an Additive in Molten Li ₂ CO ₃ -Na ₂ CO ₃ for Molten Carbonate Fuel Cells. <i>Journal of the Electrochemical Society</i> , 0, , .	2.9	0