

# Jinuk Byun

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

441  
citations

933447

10  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

654  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Surface Hydrophilicity on Electrochemical Water Splitting. ACS Applied Materials & Interfaces, 2021, 13, 11940-11947.	8.0	65
2	Acid-durable, high-performance cobalt phosphide catalysts for hydrogen evolution in proton exchange membrane water electrolysis. International Journal of Energy Research, 2021, 45, 16842-16855.	4.5	12
3	Systematic Approach to Designing a Highly Efficient Core-Shell Electrocatalyst for N <sub>2</sub> O Reduction. ACS Catalysis, 2021, 11, 15089-15097.	11.2	9
4	Pd-Cu alloy catalyst synthesized by citric acid-assisted galvanic displacement reaction for N <sub>2</sub> O reduction. Journal of Applied Electrochemistry, 2020, 50, 395-405.	2.9	6
5	Optimization of Solution Condition for an Effective Electrochemical Reduction of N <sub>2</sub> O. Electroanalysis, 2019, 31, 739-745.	2.9	4
6	Octylphenol ethoxylate surfactant as a suppressor in copper electrodeposition. Transactions of the Institute of Metal Finishing, 2019, 97, 22-27.	1.3	4
7	High strength Cu foil without self-annealing prepared by 2M5S-PEG-SPS. Korean Journal of Chemical Engineering, 2019, 36, 981-987.	2.7	11
8	Gravimetric analysis of the autocatalytic growth of copper microparticles in aqueous solution. RSC Advances, 2019, 9, 37895-37900.	3.6	3
9	Cu seed layer damage caused by insoluble anode in Cu electrodeposition. Korean Journal of Chemical Engineering, 2017, 34, 1490-1494.	2.7	2
10	Ethylenediamine Promotes Cu Nanowire Growth by Inhibiting Oxidation of Cu(111). Journal of the American Chemical Society, 2017, 139, 277-284.	13.7	69
11	Sawtooth- or Pyramidal-patterned Si Negative Electrode Fabricated by Micro-Electro-Mechanical Systems for Li-Ion Secondary Battery. Bulletin of the Korean Chemical Society, 2016, 37, 1747-1753.	1.9	0
12	High Accuracy Concentration Analysis of Accelerator Components in Acidic Cu Superfilling Bath. Journal of the Electrochemical Society, 2016, 163, D33-D39.	2.9	11
13	Catalytic growth of a colloidal carbon sphere by hydrothermal reaction with iron oxide (Fe <sub>3</sub> O <sub>4</sub> ) catalyst. Materials Letters, 2014, 125, 213-217.	2.6	17
14	Real-Time Observation of Cu Electroless Deposition: Effect of EDTA on Removing of Cu Oxide and Adsorption of Formaldehyde. Journal of the Electrochemical Society, 2013, 160, D3134-D3138.	2.9	3
15	Conformal Cu Seed Layer Formation by Electroless Deposition in Non-Bosch through Silicon Vias. Electrochemical and Solid-State Letters, 2012, 15, D26.	2.2	11
16	Electrodeposited Ni dendrites with high activity and durability for hydrogen evolution reaction in alkaline water electrolysis. Journal of Materials Chemistry, 2012, 22, 15153.	6.7	159
17	Investigation of cleaning solution composed of citric acid and 5-aminotetrazole. Korean Journal of Chemical Engineering, 2011, 28, 1619-1624.	2.7	13
18	Evaluation of Stability and Reactivity of Cu Electroless Deposition Solution by In-Situ Transmittance Measurement. Journal of the Electrochemical Society, 2011, 158, D541.	2.9	9

#	ARTICLE	IF	CITATIONS
19	Thin film silver deposition by electroplating for ULSI interconnect applications. Korean Journal of Chemical Engineering, 2009, 26, 265-268.	2.7	10
20	Large-scale Synthesis of Water Dispersible Ceria Nanocrystals by a Simple Sol-gel Process and Their Use as a Chemical Mechanical Planarization Slurry. European Journal of Inorganic Chemistry, 2008, 2008, 855-858.	2.0	23