

Jiyong Joo

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

462
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

652
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering perspective of electrochlorination system for ballast water treatment using carbon dioxide. <i>Journal of Advanced Marine Engineering and Technology</i> , 2022, 46, 150-155.	0.4	2
2	SPPO pore-filled composite membranes with electrically aligned ion channels via a lab-scale continuous caster for fuel cells: An optimal DC electric field strength-IEC relationship. <i>Journal of Membrane Science</i> , 2016, 501, 15-23.	8.2	18
3	Ultrahigh purification in concentrated NaOH by electrowinning for solar cell application. <i>Separation and Purification Technology</i> , 2015, 145, 24-28.	7.9	3
4	Influence of Solution pH on Pt Anode Catalyst in Direct Formic Acid Fuel Cells. <i>ACS Catalysis</i> , 2015, 5, 6848-6851.	11.2	24
5	Electrocatalytic Oxidation of Formic Acid: Closing the Gap Between Fundamental Study and Technical Applications. <i>Electrocatalysis</i> , 2015, 6, 20-32.	3.0	24
6	The effect of pH on the electrocatalytic oxidation of formic acid/formate on platinum: A mechanistic study by surface-enhanced infrared spectroscopy coupled with cyclic voltammetry. <i>Electrochimica Acta</i> , 2014, 129, 127-136.	5.2	122
7	Controlled water flooding of polymer electrolyte fuel cells applying superhydrophobic gas diffusion layer. <i>Current Applied Physics</i> , 2014, 14, 1374-1379.	2.4	21
8	Importance of Acid-Base Equilibrium in Electrocatalytic Oxidation of Formic Acid on Platinum. <i>Journal of the American Chemical Society</i> , 2013, 135, 9991-9994.	13.7	214
9	Effect of hydrogen partial pressure on a polymer electrolyte fuel cell performance. <i>Korean Journal of Chemical Engineering</i> , 2010, 27, 843-847.	2.7	3
10	Morphological features of electrodeposited Pt nanoparticles and its application as anode catalysts in polymer electrolyte formic acid fuel cells. <i>Journal of Power Sources</i> , 2010, 195, 5929-5933.	7.8	30
11	Role of Graphene as a Catalyst Support in SOM Oxidation. <i>ECS Transactions</i> , 2010, 33, 1725-1732.	0.5	1