

Taek-Seung Kim

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

441
citations

933447

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1125743

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14
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docs citations

14
times ranked

734
citing authors

#	ARTICLE	IF	CITATIONS
1	General and rare bacterial taxa demonstrating different temporal dynamic patterns in an activated sludge bioreactor. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 1755-1765.	3.6	96
2	Sharkskin-mimetic desalination membranes with ultralow biofouling. <i>Journal of Materials Chemistry A</i> , 2018, 6, 23034-23045.	10.3	78
3	Fast adsorption kinetics of highly dispersed ultrafine nickel/carbon nanoparticles for organic dye removal. <i>Applied Surface Science</i> , 2018, 439, 364-370.	6.1	67
4	Catalytic Synergy on PtNi Bimetal Catalysts Driven by Interfacial Intermediate Structures. <i>ACS Catalysis</i> , 2020, 10, 10459-10467.	11.2	53
5	3D Architectures of Co _x P Using Silk Fibroin Scaffolds: An Active and Stable Electrocatalyst for Hydrogen Generation in Acidic and Alkaline Media. <i>Small</i> , 2018, 14, e1801284.	10.0	32
6	Thermally reduced rGO-wrapped CoP/Co ₂ P hybrid microflower as an electrocatalyst for hydrogen evolution reaction. <i>Journal of the American Ceramic Society</i> , 2018, 101, 3749-3754.	3.8	24
7	Operando Surface Characterization on Catalytic and Energy Materials from Single Crystals to Nanoparticles. <i>ACS Nano</i> , 2020, 14, 16392-16413.	14.6	24
8	Carbon-decorated iron oxide hollow granules formed using a silk fibrous template: lithium-oxygen battery and wastewater treatment applications. <i>NPG Asia Materials</i> , 2017, 9, e450-e450.	7.9	21
9	Nitrifying bacterial community structure of a full-scale integrated fixed-film activated sludge process as investigated by pyrosequencing. <i>Journal of Microbiology and Biotechnology</i> , 2011, 21, 293-8.	2.1	17
10	Impact of fouling on the decline of aeration efficiency under different operational conditions at WRRFs. <i>Science of the Total Environment</i> , 2018, 639, 248-257.	8.0	13
11	Coverage of capping ligands determining the selectivity of multi-carbon products and morphological evolution of Cu nanocatalysts in electrochemical reduction of CO ₂ . <i>Journal of Materials Chemistry A</i> , 2021, 9, 11210-11218.	10.3	8
12	Transient-rare Bacterial Taxa Are Assembled Neutrally across Temporal Scales. <i>Microbes and Environments</i> , 2021, 36, n/a.	1.6	5
13	Polyvinylidene Fluoride Alters Inflammatory Responses by Activation-induced Cell Death in Macrophages. <i>Immune Network</i> , 2017, 17, 402.	3.6	3