

# Taek-Seung Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

441  
citations

933447

10  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

734  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Transient-rare Bacterial Taxa Are Assembled Neutrally across Temporal Scales. <i>Microbes and Environments</i> , 2021, 36, n/a.  | 1.6  | 5         |
| 2  | Coverage of capping ligands determining the selectivity of multi-carbon products and morphological evolution of Cu nanocatalysts in electrochemical reduction of CO <sub>2</sub> . <i>Journal of Materials Chemistry A</i> , 2021, 9, 11210-11218. | 10.3 | 8         |
| 3  | <i>Operando</i> Surface Characterization on Catalytic and Energy Materials from Single Crystals to Nanoparticles. <i>ACS Nano</i> , 2020, 14, 16392-16413.   | 14.6 | 24        |
| 4  | Catalytic Synergy on PtNi Bimetal Catalysts Driven by Interfacial Intermediate Structures. <i>ACS Catalysis</i> , 2020, 10, 10459-10467.   | 11.2 | 53        |
| 5  | Thermally reduced rGO-wrapped CoP/Co <sub>2</sub> 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        |
| 6  | 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        |
| 7  | Sharkskin-mimetic desalination membranes with ultralow biofouling. <i>Journal of Materials Chemistry A</i> , 2018, 6, 23034-23045.   | 10.3 | 78        |
| 8  | 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        |
| 9  | 3D Architectures of Co <sub>x</sub> 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        |
| 10 | 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        |
| 11 | Polyvinylidene Fluoride Alters Inflammatory Responses by Activation-induced Cell Death in Macrophages. <i>Immune Network</i> , 2017, 17, 402.  | 3.6  | 3         |
| 12 | 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        |
| 13 | 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        |