

# Bupmo Kim

## List of Publications by Year in descending order

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933447

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docs citations

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times ranked

1108  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Valent Iron Redox-Mediated Photoelectrochemical Water Oxidation. ACS Energy Letters, 2022, 7, 59-66.	17.4	10
2	Investigation of the AgCl Formation Mechanism on the Ag Wire Surface for the Fabrication of a Marine Low-Frequency-Electric-Field-Detection Ag/AgCl Sensor Electrode. ACS Omega, 2022, 7, 25110-25121.	3.5	6
3	Oxygen vacancy engineering of cerium oxide for the selective photocatalytic oxidation of aromatic pollutants. Journal of Hazardous Materials, 2021, 404, 123976.	12.4	63
4	Solar photoelectrochemical synthesis of electrolyte-free H <sub>2</sub> O <sub>2</sub> aqueous solution without needing electrical bias and H <sub>2</sub> . Energy and Environmental Science, 2021, 14, 3110-3119.	30.8	37
5	Selective electrochemical reduction of nitric oxide to hydroxylamine by atomically dispersed iron catalyst. Nature Communications, 2021, 12, 1856.	12.8	106
6	Crystal phase-dependent generation of mobile OH radicals on TiO <sub>2</sub> : Revisiting the photocatalytic oxidation mechanism of anatase and rutile. Applied Catalysis B: Environmental, 2021, 286, 119905.	20.2	61
7	Local pH induced electrochemical CO <sub>2</sub> reduction on nanostructured Ag for adjustable syngas composition. Electrochimica Acta, 2021, 395, 139190.	5.2	12
8	A highly active, robust photocatalyst heterogenized in discrete cages of metal-organic polyhedra for CO <sub>2</sub> reduction. Energy and Environmental Science, 2020, 13, 519-526.	30.8	59
9	Single-atom platinum confined by the interlayer nanospace of carbon nitride for efficient photocatalytic hydrogen evolution. Nano Energy, 2020, 69, 104409.	16.0	185
10	Selective electroreduction of CO <sub>2</sub> to acetone by single copper atoms anchored on N-doped porous carbon. Nature Communications, 2020, 11, 2455.	12.8	265
11	Organometallic Iridium(III) Complex Sensitized Ternary Hybrid Photocatalyst for CO <sub>2</sub> to CO Conversion. Chemistry - A European Journal, 2019, 25, 13609-13623.	3.3	14
12	Alkali-metal-oxides coated ultrasmall Pt sub-nanoparticles loading on intercalated carbon nitride: Enhanced charge interlayer transportation and suppressed backwark reaction for overall water splitting. Journal of Catalysis, 2019, 377, 72-80.	6.2	30
13	Growth potential of Listeria monocytogenes in artificially contaminated celery and chicken salad. Food Control, 2017, 73, 1229-1236.	5.5	10