

Bupmo Kim

List of Publications by Year in descending order

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13
papers

858
citations

933447
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13
times ranked

1108
citing authors

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