

Junyu Lang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

560
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

419
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct conversion of methane to oxygenates catalyzed by iron(III) chloride in water at near ambient temperature. <i>International Journal of Energy Research</i> , 2021, 45, 2581-2592.	4.5	7
2	1T/1T ₂ -dominated WSe ₂ with stabilized oxygen dopants for efficient and durable hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13490-13495.	10.3	7
3	Spin-State-Dependent Peroxymonosulfate Activation of Single-Atom Moieties via a Radical-Free Pathway. <i>ACS Catalysis</i> , 2021, 11, 9569-9577.	11.2	192
4	Photocatalytic conversion of carbon monoxide: from pollutant removal to fuel production. <i>Applied Catalysis B: Environmental</i> , 2021, 295, 120312.	20.2	22
5	Efficient photocatalytic H ₂ O ₂ production from oxygen and pure water over graphitic carbon nitride decorated by oxidative red phosphorus. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120522.	20.2	68
6	Modulation of Lewis acidic-basic sites for efficient photocatalytic H ₂ O ₂ production over potassium intercalated tri-s-triazine materials. <i>Applied Catalysis B: Environmental</i> , 2020, 277, 119225.	20.2	85
7	Highly efficient light-driven methane coupling under ambient conditions based on an integrated design of a photocatalytic system. <i>Green Chemistry</i> , 2020, 22, 4669-4675.	9.0	54
8	Photocatalytic hydrogen production over Rh-loaded TiO ₂ : What is the origin of hydrogen and how to achieve hydrogen production from water?. <i>Applied Catalysis B: Environmental</i> , 2020, 278, 119316.	20.2	73
9	Phosphorus-based metal-free Z-scheme 2D van der Waals heterostructures for visible-light photocatalytic water splitting: a first-principles study. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 9250-9256.	2.8	19
10	Synthesis of Semimetallic Tungsten Trioxide for Infrared Light Photoelectrocatalytic Water Splitting. <i>Journal of Physical Chemistry C</i> , 2019, 123, 25833-25843.	3.1	6
11	Thermo-Photo Catalysis for Methanol Synthesis from Syngas. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 19277-19285.	6.7	27