

# Junyu Lang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2729361/publications.pdf>

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