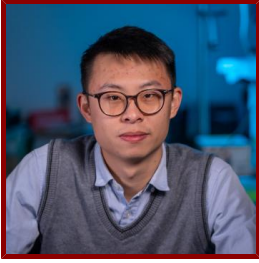


# Stanford

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## Yigao Yuan

Postdoctoral Scholar, Materials Science and Engineering

### Bio

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#### BIO

heterogeneous photocatalysis

#### PROFESSIONAL EDUCATION

- Bachelor of Science, Nanjing University , Chemistry (2019)
- Master of Arts, Rice University (2021)
- Doctor of Philosophy, Rice University (2024)

#### STANFORD ADVISORS

- Jennifer Dionne, Postdoctoral Faculty Sponsor

#### LINKS

- Google Scholar: <https://scholar.google.com/citations?user=pFlcm7sAAAAJ&hl=en&oi=ao>

### Publications

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#### PUBLICATIONS

- **Steam methane reforming using a regenerable antenna-reactor plasmonic photocatalyst** *NATURE CATALYSIS*  
Yuan, Y., Zhou, J., Bayles, A., Robotjazi, H., Nordlander, P., Halas, N. J.  
2024; 7 (12): 1339-1349
- **Earth-abundant photocatalyst for H<sub>2</sub> generation from NH<sub>3</sub> with light-emitting diode illumination.** *Science (New York, N.Y.)*  
Yuan, Y., Zhou, L., Robotjazi, H., Bao, J. L., Zhou, J., Bayles, A., Yuan, L., Lou, M., Lou, M., Khatiwada, S., Carter, E. A., Nordlander, P., Halas, et al  
2022; 378 (6622): 889-893