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Bio

LINKS

- Personal Site: <http://web.stanford.edu/~rrandall>

Publications

PUBLICATIONS

- **Requirements for CO₂-free hydrogen production at scale** *JOULE*
Sun, E., Sarkar, A., Gigantino, M., Randall, R., Jaffer, S., Rojas, J., Zhai, S., Majumdar, A.
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- **Cost modeling of photocatalytic decomposition of atmospheric methane and nitrous oxide** *ENVIRONMENTAL RESEARCH LETTERS*
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- **Low-temperature carbon dioxide conversion via reverse water-gas shift thermochemical looping with supported iron oxide** *CELL REPORTS PHYSICAL SCIENCE*
Sun, E., Wan, G., Haribal, V., Gigantino, M., Marin-Quiros, S., Oh, J., Vailionis, A., Tong, A., Randall, R., Rojas, J., Gupta, R., Majumdar, A.
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- **A semi-continuous process for co-production of CO₂-free hydrogen and carbon nanotubes via methane pyrolysis** *CELL REPORTS PHYSICAL SCIENCE*
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2023; 4 (4)
- **Iron-Poor Ferrites for Low-Temperature CO₂ Conversion via Reverse Water-Gas Shift Thermochemical Looping** *ACS SUSTAINABLE CHEMISTRY & ENGINEERING*
Rojas, J., Sun, E., Wan, G., Oh, J., Randall, R., Haribal, V., Jung, I., Gupta, R., Majumdar, A.
2022