

Cheolwoo Park

Postdoctoral Scholar, Photon Science, SLAC

Bio

STANFORD ADVISORS

- Amy Cordones-Hahn, Postdoctoral Research Mentor
- Kelly Gaffney, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Electrolyte-Engineered Photoelectrochemical Ammonia Oxidation Enabling Sustainable Hydrogen Production via Catalyst Regeneration** *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*
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- **Time-Resolved Spectroelectrochemical Observation of Overlayer-Induced Charge Carrier Dynamics in Water Photooxidation** *ANGEWANDTE CHEMIE-INTERNATIONAL EDITION*
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- **Cambered Bipyridyl Ligand with Extended Aryl System Enables Electrochemical Reduction of Carbon Dioxide and Bicarbonate by Mn(bpy) (CO)₃Br-type Catalyst Immobilized on Carbon Nanotubes** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*
Lee, A. J., Deluca, E. E., Kelly, E. B., Taylor, J. M., Weddle, L. R., Chen, H., Park, C., Loeb, C. K., Chan, T., Kubiak, C. P.
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- **Potential of homogeneous persulfate activation as a strategy for the oxidative treatment of tetramethylammonium hydroxide: Superiority of sulfate radical over hydroxyl radical in the oxidation of methylammoniums** *CHEMICAL ENGINEERING JOURNAL*
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- **Selective photocatalytic reduction of nitric oxide to dinitrogen via bimetallic bond incorporation** *CHEMICAL ENGINEERING JOURNAL*
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- **Black phosphorene as a hole extraction layer boosting solar water splitting of oxygen evolution catalysts.** *Nature communications*
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