Bio

STANFORD ADVISORS
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Publications

PUBLICATIONS
• In-situ observation of plasmon-controlled photocatalytic dehydrogenation of individual palladium nanoparticles. *Nature Communications*
  Vadai, M., Angell, D. K., Hayee, F., Sytwu, K., Dionne, J. A.
  2018; 9

• In-situ observation of plasmon-controlled photocatalytic dehydrogenation of individual palladium nanoparticles. *Nature communications*
  Vadai, M., Angell, D. K., Hayee, F., Sytwu, K., Dionne, J. A.
  2018; 9 (1): 4658

• Visualizing Facet-Dependent Hydrogenation Dynamics in Individual Palladium Nanoparticles. *Nano letters*
  2018

• Plasmonic approaches for visualizing and controlling intercalation-driven phase transformations
  Dionne, J., Hayee, F., Vadai, M., Angell, D., Sytwu, K.
  AMER CHEMICAL SOC.2018

• In-situ visualization of plasmon-induced hydrogenation reactions in individual palladium nanocubes
  Vadai, M., Angell, D., Hayee, F., Sytwu, K., Dionne, J.
  AMER CHEMICAL SOC.2018

• In-situ observation of plasmon-driven hydrogenation reactions within Au@Pd coreshell nanoparticles
  AMER CHEMICAL SOC.2018

• In-situ visualization of solute-driven phase coexistence within individual nanorods. *Nature communications*
  2018; 9 (1): 1775

• Direct visualization of hydrogen absorption dynamics in individual palladium nanoparticles *Nature Communications*
  2017; 8