

Ashley M Pennington

List of Publications by Year in descending order

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11
papers

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Photoenhanced Degradation of Sarin at Cu/TiO ₂ Composite Aerogels: Roles of Bandgap Excitation and Surface Plasmon Excitation. ACS Applied Materials & Interfaces, 2021, 13, 12550-12561. | 4.0 | 26 |
| 2 | Low-pressure flame synthesis of carbon-stabilized TiO ₂ -II (srilankite) nanoparticles. Journal of Aerosol Science, 2021, 156, 105775. | 1.8 | 7 |
| 3 | Photocatalytic CO Oxidation over Nanoparticulate Au-Modified TiO ₂ Aerogels: The Importance of Size and Intimacy. ACS Catalysis, 2020, 10, 14834-14846. | 5.5 | 25 |
| 4 | Stabilization of reduced copper on ceria aerogels for CO oxidation. Nanoscale Advances, 2020, 2, 4547-4556. | 2.2 | 12 |
| 5 | Electronic Metal-Support Interactions in the Activation of CO Oxidation over a Cu/TiO ₂ Aerogel Catalyst. Journal of Physical Chemistry C, 2020, 124, 21491-21501. | 1.5 | 21 |
| 6 | Mesoporous Copper Nanoparticle/TiO ₂ Aerogels for Room-Temperature Hydrolytic Decomposition of the Chemical Warfare Simulant Dimethyl Methylphosphonate. ACS Applied Nano Materials, 2020, 3, 3503-3512. | 2.4 | 21 |
| 7 | Low-temperature CO oxidation at persistent low-valent Cu nanoparticles on TiO ₂ aerogels. Applied Catalysis B: Environmental, 2019, 252, 205-213. | 10.8 | 47 |
| 8 | Changes in Polymorph Composition in P25-TiO ₂ during Pretreatment Analyzed by Differential Diffuse Reflectance Spectral Analysis. Journal of Physical Chemistry C, 2018, 122, 5093-5104. | 1.5 | 31 |
| 9 | Metal-free hydrogen evolution over defect-rich anatase titanium dioxide. International Journal of Hydrogen Energy, 2018, 43, 15176-15190. | 3.8 | 12 |
| 10 | TiO ₂ on Gold Nanostars Enhances Photocatalytic Water Reduction in the Near-Infrared Regime. Chem, 2018, 4, 2140-2153. | 5.8 | 70 |
| 11 | Semi-interpenetrating networks of hyaluronic acid in degradable PEG hydrogels for cartilage tissue engineering. Acta Biomaterialia, 2014, 10, 3409-3420. | 4.1 | 55 |