

Ashley M Pennington

List of Publications by Year in descending order

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citing authors

#	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.	8.0	26
2	Low-pressure flame synthesis of carbon-stabilized TiO ₂ -II (srilankite) nanoparticles. Journal of Aerosol Science, 2021, 156, 105775.	3.8	7
3	Photocatalytic CO Oxidation over Nanoparticulate Au-Modified TiO ₂ Aerogels: The Importance of Size and Intimacy. ACS Catalysis, 2020, 10, 14834-14846.	11.2	25
4	Stabilization of reduced copper on ceria aerogels for CO oxidation. Nanoscale Advances, 2020, 2, 4547-4556.	4.6	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.	3.1	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.	5.0	21
7	Low-temperature CO oxidation at persistent low-valent Cu nanoparticles on TiO ₂ aerogels. Applied Catalysis B: Environmental, 2019, 252, 205-213.	20.2	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.	3.1	31
9	Metal-free hydrogen evolution over defect-rich anatase titanium dioxide. International Journal of Hydrogen Energy, 2018, 43, 15176-15190.	7.1	12
10	TiO ₂ on Gold Nanostars Enhances Photocatalytic Water Reduction in the Near-Infrared Regime. Chem, 2018, 4, 2140-2153.	11.7	70
11	Semi-interpenetrating networks of hyaluronic acid in degradable PEG hydrogels for cartilage tissue engineering. Acta Biomaterialia, 2014, 10, 3409-3420.	8.3	55