

# Ashley M Pennington

## List of Publications by Year in descending order

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11  
papers

327  
citations

1039406

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h-index

1281420

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

581  
citing authors

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