Samuel A Tenney

List of Publications by Year
in descending order

31	661	623734	580821
papers	citations	14 h-index	25 g-index

31	31	31	1147
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electro-thermal modeling and experimental validation for multilayered metallic microstructures. Microsystem Technologies, 2021, 27, 2041-2048.	2.0	16
2	Structural Phase Transitions of NbO₂: Bulk versus Surface. Chemistry of Materials, 2021, 33, 1416-1425.	6.7	14
3	Enhanced Catalysis under 2D Silica: A CO Oxidation Study. Angewandte Chemie, 2021, 133, 10983-10989.	2.0	1
4	Enhanced Catalysis under 2D Silica: A CO Oxidation Study. Angewandte Chemie - International Edition, 2021, 60, 10888-10894.	13.8	12
5	Quantum-Well Bound States in Graphene Heterostructure Interfaces. Physical Review Letters, 2021, 127, 086805.	7.8	5
6	Confinement Effects on Furfuryl Alcohol Reactions over Porous Bilayer Silica-Modified Pd(111). Journal of Physical Chemistry C, 2020, 124, 25437-25446.	3.1	4
7	Multi-modal surface analysis of porous films under operando conditions. AIP Advances, 2020, 10, .	1.3	19
8	Reversible Formation of Silanol Groups in Two-Dimensional Siliceous Nanomaterials under Mild Hydrothermal Conditions. Journal of Physical Chemistry C, 2020, 124, 18045-18053.	3.1	7
9	Crystal structure reconstruction in the surface monolayer of the quantum spin liquid candidate Î±-RuCl3. 2D Materials, 2020, 7, 035004.	4.4	11
10	Correlation of Auger electron spectroscopy and microsynchrotron radiation x-ray photoelectron spectroscopy investigations of Ba-Sc-O desorption on W(100). Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2020, 38, .	1.2	1
11	Morphology of Palladium Thin Film Deposited on a Two-Dimensional Bilayer Aluminosilicate. Topics in Catalysis, 2019, 62, 1067-1075.	2.8	3
12	Observation of intercalation-driven zone folding in quasi-free-standing graphene energy bands. Physical Review B, 2019, 99, .	3.2	6
13	Solid-solid dewetting of scandium thin films on the W(100) surface observed using emission microscopy. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2019, 37, .	1.2	7
14	Oxygen-Promoted Methane Activation on Copper. Journal of Physical Chemistry B, 2018, 122, 855-863.	2.6	29
15	Inverse Catalysts for CO Oxidation: Enhanced Oxideâ€“Metal Interactions in MgO/Au(111), CeO₂/Au(111), and TiO₂/Au(111). ACS Sustainable Chemistry and Engineering, 2017, 5, 10783-10791.	6.7	32
16	Alloy oxidation as a route to chemically active nanocomposites of gold atoms in a reducible oxide matrix. Nanoscale Horizons, 2016, 1, 212-219.	8.0	6
17	Oxidation of the Ru(0001) surface covered by weakly bound, ultrathin silicate films. Surface Science, 2016, 646, 19-25.	1.9	28
18	In Situ Ambient Pressure X-ray Photoelectron Spectroscopy Studies of Methanol Oxidation on Pt(111) and Ptâ€“Re Alloys. Journal of Physical Chemistry C, 2015, 119, 23082-23093.	3.1	20

#	Article	IF	Citations
19	In Situ Studies of Carbon Monoxide Oxidation on Platinum and Platinumâ€“Rhenium Alloy Surfaces. Journal of Physical Chemistry C, 2015, 119, 381-391.	3.1	25
20	Oxidation of palladium on Au(111) and ZnO(0001) supports. Journal of Chemical Physics, 2014, 141, 154702.	3.0	5
21	Key Structureâ€“Property Relationships in CO₂ Capture by Supported Alkanolamines. Journal of Physical Chemistry C, 2014, 118, 19252-19258.	3.1	8
22	Methanol Reaction on Ptâ€“Au Clusters on TiO₂(110): Methoxy-Induced Diffusion of Pt. Journal of Physical Chemistry C, 2013, 117, 26998-27006.	3.1	21
23	Interactions of Hydrogen, CO, Oxygen, and Water with Molybdenum-Modified Pt(111). Journal of Physical Chemistry C, 2013, 117, 26716-26724.	3.1	14
24	Understanding the Nucleation and Growth of Metals on TiO₂: Co Compared to Au, Ni, and Pt. Journal of Physical Chemistry C, 2013, 117, 7191-7201.	3.1	84
25	Novel recirculating loop reactor for studies on model catalysts: CO oxidation on Pt/TiO2(110). Review of Scientific Instruments, 2013, 84, 104101.	1.3	4
26	Nucleation, Growth, and Adsorbate-Induced Changes in Composition for Coâ€“Au Bimetallic Clusters on TiO₂. Journal of Physical Chemistry C, 2012, 116, 24616-24629.	3.1	31
27	Enhanced activity for supported Au clusters: Methanol oxidation on Au/TiO2(110). Surface Science, 2012, 606, 1233-1243.	1.9	34
28	CO-Induced Diffusion of Ni Atoms to the Surface of Niâ€“Au Clusters on TiO₂(110). Journal of Physical Chemistry C, 2011, 115, 11112-11123.	3.1	60
29	Characterization of Ptâ€“Au and Niâ€“Au Clusters on TiO2(110). Topics in Catalysis, 2011, 54, 42-55.	2.8	38
30	Adsorbate-Induced Changes in the Surface Composition of Bimetallic Clusters: Ptâˆ’Au on TiO₂(110). Journal of Physical Chemistry C, 2010, 114, 21652-21663.	3.1	70
31	Decomposition of Dimethyl Methylphosphonate on Pt, Au, and Auâˆ’Pt Clusters Supported on TiO₂(110). Langmuir, 2009, 25, 216-225.	3.5	46