

Tobias M Egle

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7980804/publications.pdf>

Version: 2024-02-01

11
papers

335
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

501
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective non-oxidative dehydrogenation of ethanol to acetaldehyde and hydrogen on highly dilute NiCu alloys. <i>Applied Catalysis B: Environmental</i> , 2017, 205, 541-550.	20.2	124
2	Dynamics of Surface Alloys: Rearrangement of Pd/Ag(111) Induced by CO and O ₂ . <i>Journal of Physical Chemistry C</i> , 2019, 123, 8312-8323.	3.1	75
3	Evolution of Metastable Structures at Bimetallic Surfaces from Microscopy and Machine-Learning Molecular Dynamics. <i>Journal of the American Chemical Society</i> , 2020, 142, 15907-15916.	13.7	47
4	Hydrogen migration at restructuring palladium-silver oxide boundaries dramatically enhances reduction rate of silver oxide. <i>Nature Communications</i> , 2020, 11, 1844.	12.8	28
5	Multiscale Morphology of Nanoporous Copper Made from Intermetallic Phases. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 25615-25622.	8.0	24
6	Reduction of Oxidized Pd/Ag(111) Surfaces by H ₂ : Sensitivity to PdO Island Size and Dispersion. <i>ACS Catalysis</i> , 2020, 10, 10117-10124.	11.2	16
7	Growth and auto-oxidation of Pd on single-layer AgO _x /Ag(111). <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 6202-6209.	2.8	8
8	Oxophilicity Drives Oxygen Transfer at a Palladium-Silver Interface for Increased CO Oxidation Activity. <i>ACS Catalysis</i> , 2020, 10, 13878-13889.	11.2	7
9	Regeneration of Active Surface Alloys during Cyclic Oxidation and Reduction: Oxidation of H ₂ on Pd/Ag(111). <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 6752-6759.	4.6	5
10	Comment on "STM study of the (111) and (100) surfaces of PdAg, <i>Surf. Sci.</i> 417 (1998) 292-300" and references therein. <i>Surface Science</i> , 2022, 720, 122048.	1.9	1
11	Microstructure and Crystallographic Determination of Nanoporous Catalysts.. <i>Microscopy and Microanalysis</i> , 2017, 23, 2108-2109.	0.4	0