

Vikram Mehar

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Understanding the Intrinsic Surface Reactivity of Single-Layer and Multilayer PdO(101) on Pd(100). ACS Catalysis, 2018, 8, 8553-8567.	11.2	38
2	Kinetic Coupling among Metal and Oxide Phases during CO Oxidation on Partially Reduced PdO(101): Influence of Gas-Phase Composition. ACS Catalysis, 2017, 7, 7319-7331.	11.2	29
3	Propane π -Complexes on PdO(101): Spectroscopic Evidence of the Selective Coordination and Activation of Primary C-H Bonds. Angewandte Chemie - International Edition, 2015, 54, 13907-13911.	13.8	21
4	Adsorption of NO on Fe ₃ O ₄ (111). Chemical Physics Letters, 2018, 693, 84-87.	2.6	21
5	Reduction of Oxidized Pd/Ag(111) Surfaces by H ₂ : Sensitivity to PdO Island Size and Dispersion. ACS Catalysis, 2020, 10, 10117-10124.	11.2	16
6	Catalytic Oxidation of Methane on IrO ₂ (110) Films Investigated Using Ambient-Pressure X-ray Photoelectron Spectroscopy. ACS Catalysis, 2022, 12, 2840-2853.	11.2	14
7	Formation of a Ti-Cu(111) single atom alloy: Structure and CO binding. Journal of Chemical Physics, 2021, 154, 234703.	3.0	13
8	Isothermal Reduction of IrO ₂ (110) Films by Methane Investigated Using In Situ X-ray Photoelectron Spectroscopy. ACS Catalysis, 2021, 11, 5004-5016.	11.2	12
9	Adsorption of NO on FeO _x Films Grown on Ag(111). Journal of Physical Chemistry C, 2016, 120, 9282-9291.	3.1	11
10	Growth and auto-oxidation of Pd on single-layer AgO _x /Ag(111). Physical Chemistry Chemical Physics, 2020, 22, 6202-6209.	2.8	8
11	Oxophilicity Drives Oxygen Transfer at a Palladium-Silver Interface for Increased CO Oxidation Activity. ACS Catalysis, 2020, 10, 13878-13889.	11.2	7
12	Promotion of CO oxidation on PdO(101) by adsorbed H ₂ O. Surface Science, 2016, 650, 203-209.	1.9	6
13	Growth and Structure of Tb ₂ O ₃ (111) Films on Pt(111). Journal of Physical Chemistry C, 2018, 122, 9997-10005.	3.1	5