

Patrick Lämker

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

392
citations

840776

11
h-index

940533

16
g-index

20
all docs

20
docs citations

20
times ranked

368
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct Evidence of Subsurface Oxygen Formation in Oxide-Derived Cu by X-ray Photoelectron Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	37
2	Hard x-ray photoelectron spectroscopy of tunable oxide interfaces. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2022, 40, 013215.	2.1	13
3	Operando Observation of Oxygenated Intermediates during CO Hydrogenation on Rh Single Crystals. <i>Journal of the American Chemical Society</i> , 2022, 144, 7038-7042.	13.7	10
4	Rücktitelbild: Direct Evidence of Subsurface Oxygen Formation in Oxide-Derived Cu by X-ray Photoelectron Spectroscopy (<i>Angew. Chem.</i> 3/2022). <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0
5	Back Cover: Direct Evidence of Subsurface Oxygen Formation in Oxide-Derived Cu by X-ray Photoelectron Spectroscopy (<i>Angew. Chem. Int. Ed.</i> 3/2022). <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	1
6	The state of zinc in methanol synthesis over a Zn/ZnO/Cu(211) model catalyst. <i>Science</i> , 2022, 376, 603-608.	12.6	65
7	In Situ Surface-Sensitive Investigation of Multiple Carbon Phases on Fe(110) in the Fischer-Tropsch Synthesis. <i>ACS Catalysis</i> , 2022, 12, 7609-7621.	11.2	13
8	A Novel Method to Maintain the Sample Position and Pressure in Differentially Pumped Systems Below the Resolution Limit of Optical Microscopy Techniques. <i>Applied Spectroscopy</i> , 2021, 75, 137-144.	2.2	6
9	The Structure of the Active Pd State During Catalytic Carbon Monoxide Oxidization. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 4461-4465.	4.6	15
10	Hard x-ray photoelectron spectroscopy: a snapshot of the state-of-the-art in 2020. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 233001.	1.8	55
11	Bridging the Pressure Gap in CO Oxidation. <i>ACS Catalysis</i> , 2021, 11, 9128-9135.	11.2	14
12	Stroboscopic operando spectroscopy of the dynamics in heterogeneous catalysis by event-averaging. <i>Nature Communications</i> , 2021, 12, 6117.	12.8	27
13	A high-pressure x-ray photoelectron spectroscopy instrument for studies of industrially relevant catalytic reactions at pressures of several bars. <i>Review of Scientific Instruments</i> , 2019, 90, .	1.3	63
14	Tunable Magnetic Phases at Fe ₃ O ₄ /SrTiO ₃ Oxide Interfaces. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 7576-7583.	8.0	17
15	Redox-controlled epitaxy and magnetism of oxide heterointerfaces: $\text{EuO}/\text{SrTiO}_3$. <i>Physical Review Materials</i> , 2019, 3, .		
16	Two-dimensional electron system at the magnetically tunable $\text{EuO}/\text{SrTiO}_3$ interface. <i>Physical Review Materials</i> , 2017, 1, .		
17	Thermodynamic stability and control of oxygen reactivity at functional oxide interfaces: EuO on ITO. <i>Journal of Materials Chemistry C</i> , 2016, 4, 1813-1820.	5.5	17
18	Direct Evidence of Subsurface Oxygen Formation in Oxide-Derived Cu by X-ray Photoelectron Spectroscopy. <i>Angewandte Chemie</i> , 0, , .	2.0	1

#	ARTICLE	IF	CITATIONS
19	<i>Operando</i> X-Ray Photoelectron Spectroscopy for High-Pressure Catalysis Research Using the POLARIS Endstation. Synchrotron Radiation News, 0, , 1-8.	0.8	3