

Wernfried Mayr-SchmÄglzer

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

245
citations

1163117

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1199594

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g-index

14
all docs

14
docs citations

14
times ranked

453
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of water at the SrO surface of RuO_2 . Nature Materials, 2016, 15, 450-455.	27.5	63
2	Growth of an Ultrathin Zirconia Film on Pt_3Zr Examined by High-Resolution X-ray Photoelectron Spectroscopy, Temperature-Programmed Desorption, Scanning Tunneling Microscopy, and Density Functional Theory. Journal of Physical Chemistry C, 2015, 119, 2462-2470.	3.1	46
3	$\text{Pt}_3\text{Zr}(0001)$: A substrate for growing well-ordered ultrathin zirconia films by oxidation. Physical Review B, 2012, 86,	3.2	41
4	Water adsorption at zirconia: from the $\text{ZrO}_2(111)/\text{Pt}_3\text{Zr}(0001)$ model system to powder samples. Journal of Materials Chemistry A, 2018, 6, 17587-17601.	10.3	24
5	Metal Adatoms and Clusters on Ultrathin Zirconia Films. Journal of Physical Chemistry C, 2016, 120, 9920-9932.	3.1	18
6	A full monolayer of superoxide: oxygen activation on the unmodified $\text{Ca}_3\text{Ru}_2\text{O}_7(001)$ surface. Journal of Materials Chemistry A, 2018, 6, 5703-5713.	10.3	17
7	Ordered hydroxyls on $\text{Ca}_3\text{Ru}_2\text{O}_7(001)$. Nature Communications, 2017, 8, 23.	12.8	12
8	Many-electron calculations of the phase stability of ZrO_2 polymorphs. Physical Review Research, 2020, 2, .	10.6	15
9	Heterogeneous Adsorption and Local Ordering of Formate on a Magnetite Surface. Journal of Physical Chemistry Letters, 2021, 12, 3847-3852.	4.6	7
10	Characterization of an Al-Cu-Mg-Zn multi principal element alloy by experimental and computational screening methods. Acta Materialia, 2022, 224, 117510.	7.9	3
11	Adsorption of CO on the $\text{Ca}_3\text{Ru}_2\text{O}_7(001)$ surface. Surface Science, 2019, 680, 18-23.	1.9	2
12	Adsorption of a superoxo O_2^- species on the pure and Ca-doped $\text{Sr}_3\text{Ru}_2\text{O}_7(001)$ surface. Surface Science, 2019, 680, 24-31.	1.9	2