Wernfried Mayr-SchmÃ¶lzer

List of Publications by Year
in descending order

12 papers	245 citations	1163117 8 h-index	1199594 12 g-index
14 all docs	14 docs citations	14 times ranked	453 citing authors

#	Article	IF	Citations
1	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
2	Heterogeneous Adsorption and Local Ordering of Formate on a Magnetite Surface. Journal of Physical Chemistry Letters, 2021, 12, 3847-3852.	4.6	7
3	Many-electron calculations of the phase stability of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>ZrO</mml:mi><mml:mn>2</mml:mn></mml:msub></m polymorphs. Physical Review Research, 2020, 2, .	3.6	9
4	Adsorption of CO on the Ca3Ru2O7(001)Âsurface. Surface Science, 2019, 680, 18-23.	1.9	2
5	Adsorption of a superoxo O2-Âspecies on the pure and Ca-doped Sr3Ru2O7(001)Âsurface. Surface Science, 2019, 680, 24-31.	1.9	2
6	A full monolayer of superoxide: oxygen activation on the unmodified Ca₃Ru₂O₇(001) surface. Journal of Materials Chemistry A, 2018, 6, 5703-5713.	10.3	17
7	Water adsorption at zirconia: from the ZrO₂(111)/Pt₃Zr(0001) model system to powder samples. Journal of Materials Chemistry A, 2018, 6, 17587-17601.	10.3	24
8	Ordered hydroxyls on Ca3Ru2O7(001). Nature Communications, 2017, 8, 23.	12.8	12
9	Metal Adatoms and Clusters on Ultrathin Zirconia Films. Journal of Physical Chemistry C, 2016, 120, 9920-9932.	3.1	18
10	Adsorption of water at the SrO surface ofÂruthenates. Nature Materials, 2016, 15, 450-455.	27.5	63
11	Growth of an Ultrathin Zirconia Film on Pt₃Zr 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
12	Pt<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>Zr(0001): A substrate for growing well-ordered ultrathin zirconia films by oxidation. Physical Review B, 2012, 86, .	3.2	41