Lars-Ãke NÃ¤slund

List of Publications by Year
in descending order

11 papers	2,140 citations	932766 10 h-index	1281420 11 g-index
11 all docs	11 docs citations	11 times ranked	2769 citing authors

#	Article	IF	Citations
1	XPS spectra curve fittings of Ti3C2Tx based on first principles thinking. Applied Surface Science, 2022, 593, 153442.	3.1	37
2	3D Xâ€Ray Diffraction Characterization of Grain Growth and Recrystallization in Rolled Braze Clad Aluminum Sheet. Advanced Engineering Materials, 2021, 23, 2100126.	1.6	1
3	Chemical bonding of termination species in 2D carbides investigated through valence band UPS/XPS of Ti₃C₂T _x MXene. 2D Materials, 2021, 8, 045026.	2.0	19
4	X-ray Photoelectron Spectroscopy of Ti₃AlC₂, Ti₃C₂T_z, and TiC Provides Evidence for the Electrostatic Interaction between Laminated Layers in MAX-Phase Materials. Journal of Physical Chemistry C, 2020, 124, 27732-27742.	1.5	71
5	Bonding and structural properties in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ti</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> MAX phase and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ti</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">C</mml:mi><mml:mn>2</mml:mn></mml:mrow></mml:. Physical Review Research, 2020, 2, .	1.3	16
6	2D Transition Metal Carbides (MXenes) for Carbon Capture. Advanced Materials, 2019, 31, e1805472.	11.1	184
7	Chemical bonding in carbide MXene nanosheets. Journal of Electron Spectroscopy and Related Phenomena, 2018, 224, 27-32.	0.8	64
8	On the organization and thermal behavior of functional groups on Ti ₃ C ₂ MXene surfaces in vacuum. 2D Materials, 2018, 5, 015002.	2.0	219
9	Synthesis of two-dimensional molybdenum carbide, Mo 2 C, from the gallium based atomic laminate Mo 2 Ga 2 C. Scripta Materialia, 2015, 108, 147-150.	2.6	329
10	Filtered pulsed cathodic arc deposition of fullerene-like carbon and carbon nitride films. Journal of Applied Physics, 2014, 115, .	1.1	27
11	Transparent Conductive Two-Dimensional Titanium Carbide Epitaxial Thin Films. Chemistry of Materials, 2014, 26, 2374-2381.	3.2	1,173