

Lars-Åke NÅöslund

List of Publications by Year in descending order

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11
papers

2,140
citations

932766

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1281420

11
g-index

11
all docs

11
docs citations

11
times ranked

2769
citing authors

#	ARTICLE	IF	CITATIONS
1	Transparent Conductive Two-Dimensional Titanium Carbide Epitaxial Thin Films. Chemistry of Materials, 2014, 26, 2374-2381.	3.2	1,173
2	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
3	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
4	2D Transition Metal Carbides (MXenes) for Carbon Capture. Advanced Materials, 2019, 31, e1805472.	11.1	184
5	X-ray Photoelectron Spectroscopy of Ti ₃ AlC ₂ , Ti ₃ C ₂ T _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
6	Chemical bonding in carbide MXene nanosheets. Journal of Electron Spectroscopy and Related Phenomena, 2018, 224, 27-32.	0.8	64
7	XPS spectra curve fittings of Ti ₃ C ₂ T _x based on first principles thinking. Applied Surface Science, 2022, 593, 153442.	3.1	37
8	Filtered pulsed cathodic arc deposition of fullerene-like carbon and carbon nitride films. Journal of Applied Physics, 2014, 115, .	1.1	27
9	Chemical bonding of termination species in 2D carbides investigated through valence band UPS/XPS of Ti ₃ C ₂ T _x MXene. 2D Materials, 2021, 8, 045026. Local chemical bonding and structural properties in $Ti_3C_2T_x$ MAX	2.0	19
10	phase and $Ti_3C_2T_x$ MAX	1.3	16
11	3D X-ray Diffraction Characterization of Grain Growth and Recrystallization in Rolled Braze Clad Aluminum Sheet. Advanced Engineering Materials, 2021, 23, 2100126.	1.6	1