

Olha Mashtalir

List of Publications by Year in descending order

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12
papers

11,167
citations

759233

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h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

9940
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-Dimensional Transition Metal Carbides. ACS Nano, 2012, 6, 1322-1331.	14.6	3,453
2	Cation Intercalation and High Volumetric Capacitance of Two-Dimensional Titanium Carbide. Science, 2013, 341, 1502-1505.	12.6	3,329
3	Intercalation and delamination of layered carbides and carbonitrides. Nature Communications, 2013, 4, 1716.	12.8	2,095
4	Amine-Assisted Delamination of Nb ₂ C MXene for Li-Ion Energy Storage Devices. Advanced Materials, 2015, 27, 3501-3506.	21.0	749
5	One-step synthesis of nanocrystalline transition metal oxides on thin sheets of disordered graphitic carbon by oxidation of MXenes. Chemical Communications, 2014, 50, 7420-7423.	4.1	614
6	Kinetics of aluminum extraction from Ti ₃ AlC ₂ in hydrofluoric acid. Materials Chemistry and Physics, 2013, 139, 147-152.	4.0	348
7	Solution-processed titanium carbide MXene films examined as highly transparent conductors. Nanoscale, 2016, 8, 16371-16378.	5.6	227
8	Structure of Nanocrystalline Ti_3C_2 Using Atomic Pair Distribution Function. Physical Review Letters, 2014, 112, 125501.	7.3	161
9	Synthesis of Carbon/Sulfur Nanolaminates by Electrochemical Extraction of Titanium from Ti ₂ SC. Angewandte Chemie - International Edition, 2015, 54, 4810-4814.	13.8	100
10	Anodized Ti ₃ SiC ₂ As an Anode Material for Li-ion Microbatteries. ACS Applied Materials & Interfaces, 2016, 8, 16670-16676.	8.0	32
11	High-Purity Lithium Metal Films from Aqueous Mineral Solutions. ACS Omega, 2018, 3, 181-187.	3.5	24
12	Photocatalytic WO ₃ and TiO ₂ Films on Brass. International Journal of Applied Ceramic Technology, 2013, 10, 26-32.	2.1	7