

Youbing Li

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,612
citations

471371

17
h-index

677027

22
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23
docs citations

23
times ranked

2103
citing authors

#	ARTICLE	IF	CITATIONS
1	A general Lewis acidic etching route for preparing MXenes with enhanced electrochemical performance in non-aqueous electrolyte. <i>Nature Materials</i> , 2020, 19, 894-899.	13.3	870
2	Element Replacement Approach by Reaction with Lewis Acidic Molten Salts to Synthesize Nanolaminated MAX Phases and MXenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 4730-4737.	6.6	811
3	Facile preparation of in situ coated $Ti_3C_2Tx/Ni_{0.5}Zn_{0.5}Fe_2O_4$ composites and their electromagnetic performance. <i>RSC Advances</i> , 2017, 7, 24698-24708.		
4	Halogenated Ti_3C_2 MXenes with Electrochemically Active Terminals for High-Performance Zinc Ion Batteries. <i>ACS Nano</i> , 2021, 15, 1077-1085.	7.3	183
5	Multielemental single-atom-thick layers in nanolaminated $V_2(Sn, A)C$ (Tj ETQq1 1 0.784314 rgBT Sciences of the United States of America, 2020, 117, 820-825.	3.3	84
6	In situ formation of $NaTi_2(PO_4)_3$ cubes on Ti_3C_2 MXene for dual-mode sodium storage. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18525-18532.	5.2	60
7	Single-Atom-Thick Active Layers Realized in Nanolaminated $Ti_3(Ax)Cu_1C_2$ and Its Artificial Enzyme Behavior. <i>ACS Nano</i> , 2019, 13, 9198-9205.	7.3	59
8	Synthesis of MAX phases Nb_2CuC and $Ti_2(Al_{0.1}Cu_{0.9})N$ by A-site replacement reaction in molten salts. <i>Materials Research Letters</i> , 2019, 7, 510-516.	4.1	58
9	Synthesis and properties of conductive B_4C ceramic composites with TiB_2 grain network. <i>Journal of the American Ceramic Society</i> , 2018, 101, 3780-3786.	1.9	38
10	MAX phase Zr_2SeC and its thermal conduction behavior. <i>Journal of the European Ceramic Society</i> , 2021, 41, 4447-4451.	2.8	33
11	SiC ceramics joined with an in-situ reaction gradient layer of TiC/Ti_3SiC_2 and interface stress distribution simulations. <i>Ceramics International</i> , 2018, 44, 15785-15794.	2.3	30
12	Densification and mechanical properties of pulsed electric current sintered B_4C with in situ synthesized Al_3BC obtained by the molten-salt method. <i>Journal of the European Ceramic Society</i> , 2017, 37, 4524-4531.	2.8	25
13	Molten Salt-Shielded Synthesis (MS^3) of MXenes in Air. <i>Energy and Environmental Materials</i> , 2023, 6, .	7.3	25
14	Electrochemical Lithium Storage Performance of Molten Salt Derived V_2SnC MAX Phase. <i>Nano-Micro Letters</i> , 2021, 13, 158.	14.4	23
15	The role of Hume-Rothery's rules play in the MAX phases formability. <i>Materialia</i> , 2020, 12, 100810.	1.3	22
16	Residual thermal stress of $SiC/Ti_3SiC_2/SiC$ joints calculation and relaxed by postannealing. <i>International Journal of Applied Ceramic Technology</i> , 2018, 15, 1157-1165.	1.1	17
17	Molten Salt Synthesis of Nanolaminated Sc_2SnC MAX Phase. <i>Wuji Cailiao Xuebao/Journal of Inorganic Materials</i> , 2021, 36, 773.	0.6	15
18	Near-room temperature ferromagnetic behavior of single-atom-thick 2D iron in nanolaminated ternary MAX phases. <i>Applied Physics Reviews</i> , 2021, 8, .	5.5	14

#	ARTICLE	IF	CITATIONS
19	Preparation of Ti ₃ C ₂ T _x /NiZn Ferrite Hybrids with Improved Electromagnetic Properties. <i>Materials</i> , 2020, 13, 820.	1.3	6
20	Synthesis, characterization, and magnetic properties of rare earth containing Mo _{4/3} RE _{2/3} AlB ₂ -MAB phases. <i>Materials Research Letters</i> , 2022, 10, 295-300.	4.1	3
21	Effect of A-site atom on static corrosion behavior and irradiation damage of Ti ₂ SC phases. <i>Journal of the American Ceramic Society</i> , 2022, 105, 1386-1393.	1.9	2