

# Na Jin

## List of Publications by Year in descending order

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27  
papers

490  
citations

759233  
12  
h-index

677142  
22  
g-index

27  
all docs

27  
docs citations

27  
times ranked

426  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molten salt synthesis and formation mechanisms of ternary Vâ€‘based MAX phases by Vâ€‘Al alloy strategy. Journal of the American Ceramic Society, 2022, 105, 2277-2287.	3.8	6
2	Perovskiteâ€‘type SrVO <sub>3</sub> as Highâ€‘Performance Anode Materials for Lithiumâ€‘ion Batteries. Advanced Materials, 2022, 34, e2107262.	21.0	29
3	The effects of nitrogen on the stability, elastic properties and electronic structure of Ti(C <sub>x</sub> N <sub>1-<i>x</i></sub> ): A first principles investigation. International Journal of Refractory Metals and Hard Materials, 2021, 94, 105382.	3.8	8
4	First-principles calculations on FeWB bulk and FeWB(001)/Î±-Fe(111) interface. Materials Research Express, 2021, 8, 046405.	1.6	6
5	Electrochemical Lithium Storage Performance of Molten Salt Derived V <sub>2</sub> SnC MAX Phase. Nano-Micro Letters, 2021, 13, 158.	27.0	23
6	A first principles investigation on the solid solution behavior of transition metal elements (W, Mo,) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	3.8	11
7	Double transition metal-containing M <sub>2</sub> TiAlC <sub>2</sub> -MAX phases as Li-ion batteries anodes: a theoretical screening. Materials Research Letters, 2021, 9, 516-522.	8.7	7
8	First-principles study on the effects of N and Al doping on the mechanical properties and electronic structures of TiC. RSC Advances, 2020, 10, 36295-36302.	3.6	9
9	A new way for leadâ€‘boron resin composite modification: SiO <sub>2</sub> coated lead powders by a solâ€‘gel method. RSC Advances, 2019, 9, 30752-30759.	3.6	3
10	Theoretical investigation on the adsorption and dissociation behaviors of TiCl <sub>4</sub> on pyrolytic carbon surface. Applied Surface Science, 2018, 427, 156-165.	6.1	0
11	Deposition of titanium coating on SiC fiber by chemical vapor deposition with Ti-I 2 system. Applied Surface Science, 2017, 406, 62-68.	6.1	12
12	Structural evolution of copper-silver bimetallic nanowires with core-shell structure revealed by molecular dynamics simulations. Computational Materials Science, 2017, 137, 289-296.	3.0	8
13	Effect of rate dependence of crack propagation processes on amorphization in Al. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2017, 684, 71-77.	5.6	5
14	First-principles calculations on the electronic structure and bonding nature of TaN(111)/TiN(111) interface. Journal of Alloys and Compounds, 2017, 717, 326-332.	5.5	26
15	Deposition characteristics of titanium coating deposited on SiC fiber by cold-wall chemical vapor deposition. Materials Chemistry and Physics, 2016, 184, 189-196.	4.0	5
16	Structural evolution of TiAl during rapid solidification processing revealed by molecular dynamics simulations. RSC Advances, 2016, 6, 54763-54767.	3.6	18
17	Effects of substrate temperature on the structure, residual stress and nanohardness of Ti6Al4V films prepared by magnetron sputtering. Applied Surface Science, 2016, 370, 53-58.	6.1	36
18	Fructus Corni extract-induced neuritogenesis in PC12 cells is associated with the suppression of stromal interaction molecule 1 expression and inhibition of Ca <sup>2+</sup> influx. Experimental and Therapeutic Medicine, 2015, 9, 1773-1779.	1.8	10

#	ARTICLE	IF	CITATIONS
19	Microstructure, tensile strength and thermostability of W-core SiC fibers with or without carbon coating. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 647, 265-276.	5.6	12
20	First-principles calculation of W/WC interface: Atomic structure, stability and electronic properties. Applied Surface Science, 2015, 324, 205-211.	6.1	39
21	First-principles calculation on $\hat{\Gamma}^2$ -SiC(111)/ $\hat{\Gamma}^2$ -WC(0001) interface. Journal of Applied Physics, 2014, 115, .	2.5	39
22	Theoretical calculations on the adhesion, stability, electronic structure and bonding of SiC/W interface. Applied Surface Science, 2014, 314, 896-905.	6.1	25
23	Development of CVD Ti-containing films. Progress in Materials Science, 2013, 58, 1490-1533.	32.8	38
24	Effect of C/Mo duplex coating on the interface and mechanical properties of SiCf/Ti6Al4V composites. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 566, 47-53.	5.6	11
25	Adhesion and fracture toughness at $\hat{\Gamma}^2$ -Ti(0001)/TiC(111): A first-principles investigation. Applied Surface Science, 2013, 286, 240-248.	6.1	59
26	First-principles study of stability and properties on $\hat{\Gamma}^2$ -SiC/TiC(111) interface. Journal of Applied Physics, 2013, 114, .	2.5	31
27	Microstructure and thermal residual stress analysis of SiC fiber through Raman spectroscopy. Journal of Raman Spectroscopy, 2013, 44, 1306-1311.	2.5	14