

# Kai Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

415  
citations

1307594

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h-index

1372567

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g-index

11  
all docs

11  
docs citations

11  
times ranked

573  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic assessment of the Fe-Ni-Rh-Ti system. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2022, 76, 102386.	1.6	0
2	Temperature-induced wear transition in ceramic-metal composites. Acta Materialia, 2021, 205, 116545.	7.9	47
3	Improved oxidation and hot corrosion resistance of Ta-doped NiAlY alloy at 750°C. Materials and Corrosion - Werkstoffe Und Korrosion, 2021, 72, 1843-1853.	1.5	5
4	Design of novel NiSiAlY alloys in marine salt-spray environment: Part II. Al-Ni-Si-Y thermodynamic dataset. Journal of Materials Science and Technology, 2021, 89, 186-198.	10.7	21
5	Experimental Investigations of the Isothermal Sections for the Ni-Si-Zr Ternary System at 1023 and 1173K. Journal of Phase Equilibria and Diffusion, 2020, 41, 615-622.	1.4	5
6	Phase equilibria of the Cu-Zr-Si system at 750 and 900°C. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2020, 68, 101727.	1.6	4
7	Thermodynamic descriptions of the light rare-earth elements in silicon carbide ceramics. Journal of the American Ceramic Society, 2020, 103, 3812-3825.	3.8	16
8	Synthesis of graphene oxide/polyimide mixed matrix membranes for desalination. RSC Advances, 2017, 7, 2211-2217.	3.6	64
9	A graphene oxide layer as an acid-resisting barrier deposited on a zeolite LTA membrane for dehydration of acetic acid. RSC Advances, 2016, 6, 23354-23359.	3.6	29
10	Synthesis of highly stable graphene oxide membranes on polydopamine functionalized supports for seawater desalination. Chemical Engineering Science, 2016, 146, 159-165.	3.8	186
11	Giant magnetoelectric torque effect and multicoupling in two phases ferromagnetic/piezoelectric system. Journal of Applied Physics, 2011, 110, .	2.5	38