

# Kai Xu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6444206/publications.pdf>

Version: 2024-02-01

11  
papers

415  
citations

1307594

7  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

573  
citing authors

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