

# Kaiyun Chen

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

200  
citations

1163117

8  
h-index

1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

203  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferromagnetic and nonmagnetic charge density wave states in transition metal dichalcogenides: Physical mechanisms and charge doping induced reversible transition. <i>Physical Review B</i> , 2022, 105, .	3.2	4
2	Fabrication of N, S co-doped carbon nanofiber matrix with cobalt sulfide nanoparticles enhancing lithium/sodium storage performance. <i>Journal of Alloys and Compounds</i> , 2022, 902, 163812.	5.5	11
3	A three-dimensional crosslinked nano-structure via in situ growth of carbon nanotube/cobalt sulfide composites on porous carbon nanofibers for enhanced sodium storage. <i>Dalton Transactions</i> , 2022, , .	3.3	0
4	Diverse electronic and magnetic properties of CrS <sub>2</sub> enabling strain-controlled 2D lateral heterostructure spintronic devices. <i>Npj Computational Materials</i> , 2021, 7, .	8.7	35
5	Near-zero magnetostriction in magnetostrictive FeCo alloys. <i>Scripta Materialia</i> , 2021, 203, 114043.	5.2	5
6	Corrosion assisted the formation of unique structure transition metal oxides/carbon nanofibers with fast and high lithium storage. <i>Electrochimica Acta</i> , 2021, 400, 139373.	5.2	5
7	Designing of Efficient Bifunctional ORR/OER Pt Single-Atom Catalysts Based on O-Terminated MXenes by First-Principles Calculations. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 52508-52518.	8.0	29
8	Crystal structures and phase relationships in magnetostrictive Tb <sub>1-x</sub> Dy <sub>x</sub> Co <sub>2</sub> system. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 135802.	1.8	4
9	Cobalt vacancies assisted ion diffusion in Co <sub>2</sub> AlO <sub>4</sub> carbon nanofibers for enhancing lithium battery performance. <i>Dalton Transactions</i> , 2020, 49, 10127-10137.	3.3	2
10	Improved magnetostriction in Galfenol alloys by aligning crystal growth direction along easy magnetization axis. <i>Scientific Reports</i> , 2020, 10, 20055.	3.3	8
11	Charge doping induced reversible multistep structural phase transitions and electromechanical actuation in two-dimensional 1T <sup>-2</sup> -MoS <sub>2</sub> . <i>Nanoscale</i> , 2020, 12, 12541-12550.	5.6	19
12	Local structure study on magnetostrictive material Tb <sub>1-x</sub> Dy <sub>x</sub> Fe <sub>2</sub> . <i>Journal of Applied Physics</i> , 2020, 127, .	2.5	7
13	Large exchange bias in magnetic shape memory alloys by tuning magnetic ground state and magnetic-field history. <i>Science China Materials</i> , 2020, 63, 1291-1299.	6.3	8
14	Revealing Atomic Structure and Oxidation States of Dopants in Charge-Ordered Nanoparticles for Migration-Promoted Oxygen-Exchange Capacity. <i>Chemistry of Materials</i> , 2019, 31, 5769-5777.	6.7	10
15	Ferromagnetism of 1T <sup>-2</sup> -MoS <sub>2</sub> Nanoribbons Stabilized by Edge Reconstruction and Its Periodic Variation on Nanoribbons Width. <i>Journal of the American Chemical Society</i> , 2018, 140, 16206-16212.	13.7	39
16	High temperature spin-glass-like transition in La <sub>0.67</sub> Sr <sub>0.33</sub> MnO <sub>3</sub> nanofibers near the Curie point. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 16731-16736.	2.8	8
17	Anomalous magnetoelastic behaviour near morphotropic phase boundary in ferromagnetic Tb <sub>1-x</sub> Nd <sub>x</sub> Co <sub>2</sub> system. <i>Applied Physics Letters</i> , 2016, 109, 052904.	3.3	6