

Kaiyun Chen

List of Publications by Year in descending order

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17
papers

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203
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Ferromagnetism of $1T\text{-MoS}_2$ 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 |
| 2 | Diverse electronic and magnetic properties of CrS_2 enabling strain-controlled 2D lateral heterostructure spintronic devices. <i>Npj Computational Materials</i> , 2021, 7, . | 8.7 | 35 |
| 3 | Designing of Efficient Bifunctional ORR/OER Pt Single-Atom Catalysts Based on O-Terminated MXenes by First-Principles Calculations. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 52508-52518. | 8.0 | 29 |
| 4 | Charge doping induced reversible multistep structural phase transitions and electromechanical actuation in two-dimensional $1T\text{-MoS}_2$. <i>Nanoscale</i> , 2020, 12, 12541-12550. | 5.6 | 19 |
| 5 | 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 |
| 6 | 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 |
| 7 | High temperature spin-glass-like transition in $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ nanofibers near the Curie point. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 16731-16736. | 2.8 | 8 |
| 8 | Improved magnetostriction in Galfenol alloys by aligning crystal growth direction along easy magnetization axis. <i>Scientific Reports</i> , 2020, 10, 20055. | 3.3 | 8 |
| 9 | 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 |
| 10 | Local structure study on magnetostrictive material $\text{Tb}_{1-x}\text{Dy}_x\text{Fe}_2$. <i>Journal of Applied Physics</i> , 2020, 127, . | 2.5 | 7 |
| 11 | Anomalous magnetoelastic behaviour near morphotropic phase boundary in ferromagnetic $\text{Tb}_{1-x}\text{Nd}_x\text{Co}_2$ system. <i>Applied Physics Letters</i> , 2016, 109, 052904. | 3.3 | 6 |
| 12 | Near-zero magnetostriction in magnetostrictive FeCo alloys. <i>Scripta Materialia</i> , 2021, 203, 114043. | 5.2 | 5 |
| 13 | 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 |
| 14 | Crystal structures and phase relationships in magnetostrictive $\text{Tb}_{1-x}\text{Dy}_x\text{Co}_2$ system. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 135802. | 1.8 | 4 |
| 15 | 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 |
| 16 | Cobalt vacancies assisted ion diffusion in Co_2AlO_4 carbon nanofibers for enhancing lithium battery performance. <i>Dalton Transactions</i> , 2020, 49, 10127-10137. | 3.3 | 2 |
| 17 | A three-dimensional crosslinked nano-structure <i>via in situ</i> growth of carbon nanotube/cobalt sulfide composites on porous carbon nanofibers for enhanced sodium storage. <i>Dalton Transactions</i> , 2022, , . | 3.3 | 0 |