

Jun Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1855551/publications.pdf>

Version: 2024-02-01

10
papers

362
citations

1163117

8
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

73
citing authors

#	ARTICLE	IF	CITATIONS
1	Design high-entropy carbide ceramics from machine learning. <i>Npj Computational Materials</i> , 2022, 8, .	8.7	37
2	Toughening (NbTaZrW)C high-entropy carbide ceramic through Mo doping. <i>Journal of the American Ceramic Society</i> , 2022, 105, 5395-5407.	3.8	15
3	Activating lattice oxygen in NiFe-based (oxy)hydroxide for water electrolysis. <i>Nature Communications</i> , 2022, 13, 2191.	12.8	179
4	Revealing the crucial role of rough energy landscape on self-diffusion in high-entropy alloys based on machine learning and kinetic Monte Carlo. <i>Acta Materialia</i> , 2022, 234, 118051.	7.9	17
5	Softening Al ₁₃ Fe ₄ intermetallic compound through Fe-site multi-principal-element doping. <i>Scripta Materialia</i> , 2022, 218, 114811.	5.2	6
6	Effects of local chemical ordering on defect evolution in NiFe concentrated solid solution alloy. <i>Journal of Nuclear Materials</i> , 2022, 568, 153877.	2.7	2
7	Tailoring catalytic properties of V ₂ O ₃ to propane dehydrogenation through single-atom doping: A DFT study. <i>Catalysis Today</i> , 2021, 368, 46-57.	4.4	29
8	Effects of Oxygen Vacancy and Pt Doping on the Catalytic Performance of CeO ₂ in Propane Dehydrogenation: A First-Principles Study. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2391-2402.	4.9	13
9	Elemental partitions and deformation mechanisms of L1 ₂ -type multicomponent intermetallics. <i>Acta Materialia</i> , 2021, 219, 117238.	7.9	28
10	Defect accumulation and evolution in refractory multi-principal element alloys. <i>Acta Materialia</i> , 2021, 219, 117233.	7.9	36