

Yujie Chen

List of Publications by Year in descending order

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19
papers

465
citations

840585

11
h-index

794469

19
g-index

19
all docs

19
docs citations

19
times ranked

611
citing authors

#	ARTICLE	IF	CITATIONS
1	Forging strength–ductility unity in a high entropy steel. <i>Journal of Materials Science and Technology</i> , 2022, 113, 158-165.	5.6	5
2	Deformation-Induced Phase Transformations in Gold Nanoribbons with the 4H Phase. <i>ACS Nano</i> , 2022, 16, 3272-3279.	7.3	5
3	A Review on the Tribological Performances of High-Entropy Alloys. <i>Advanced Engineering Materials</i> , 2022, 24, .	1.6	12
4	Size-dependent deformation behavior of dual-phase, nanostructured CrCoNi medium-entropy alloy. <i>Science China Materials</i> , 2021, 64, 209-222.	3.5	20
5	Self-toughened high entropy alloy with a body-centred cubic structure. <i>Nanoscale</i> , 2021, 13, 3602-3612.	2.8	8
6	Unraveling dual phase transformations in a CrCoNi medium-entropy alloy. <i>Acta Materialia</i> , 2021, 215, 117112.	3.8	43
7	Mechanical size effect of eutectic high entropy alloy: Effect of lamellar orientation. <i>Journal of Materials Science and Technology</i> , 2021, 82, 10-20.	5.6	8
8	Remarkable toughness of a nanostructured medium-entropy nitride compound. <i>Nanoscale</i> , 2021, 13, 15074-15084.	2.8	10
9	Deciphering deformation mechanisms of hierarchical dual-phase CrCoNi coatings. <i>Journal of Materials Science and Technology</i> , 2020, 39, 7-13.	5.6	9
10	Calcifiers can Adjust Shell Building at the Nanoscale to Resist Ocean Acidification. <i>Small</i> , 2020, 16, e2003186.	5.2	28
11	How calorie-rich food could help marine calcifiers in a CO ₂ -rich future. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190757.	1.2	24
12	Micro- and nano-structured 3D printed titanium implants with a hydroxyapatite coating for improved osseointegration. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3136-3144.	2.9	62
13	Hierarchical nanostructure of CrCoNi film underlying its remarkable mechanical strength. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	14
14	Mechanical behaviors of nanowires. <i>Applied Physics Reviews</i> , 2017, 4, 031104.	5.5	54
15	Mechanical Behaviors of Semiconductor Nanowires. <i>Semiconductors and Semimetals</i> , 2016, 94, 109-158.	0.4	7
16	Effect of a High Density of Stacking Faults on the Young's Modulus of GaAs Nanowires. <i>Nano Letters</i> , 2016, 16, 1911-1916.	4.5	61
17	Effects of loading misalignment and tapering angle on the measured mechanical properties of nanowires. <i>Nanotechnology</i> , 2015, 26, 435704.	1.3	6
18	Determination of Young's Modulus of Ultrathin Nanomaterials. <i>Nano Letters</i> , 2015, 15, 5279-5283.	4.5	44

#	ARTICLE	IF	CITATIONS
19	Strengthening Brittle Semiconductor Nanowires through Stacking Faults: Insights from in Situ Mechanical Testing. Nano Letters, 2013, 13, 4369-4373.	4.5	45