

Qingfeng Wu

List of Publications by Year in descending order

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26
papers

1,378
citations

471509

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580821

25
g-index

26
all docs

26
docs citations

26
times ranked

818
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase separation of metastable CoCrFeNi high entropy alloy at intermediate temperatures. Scripta Materialia, 2017, 126, 15-19.	5.2	212
2	Design of D022 superlattice with superior strengthening effect in high entropy alloys. Acta Materialia, 2019, 167, 275-286.	7.9	172
3	Uncovering the eutectics design by machine learning in the Al-Co-Cr-Fe-Ni high entropy system. Acta Materialia, 2020, 182, 278-286.	7.9	143
4	A casting eutectic high entropy alloy with superior strength-ductility combination. Materials Letters, 2019, 253, 268-271.	2.6	109
5	Strengthening the CoCrFeNiNb0.25 high entropy alloy by FCC precipitate. Journal of Alloys and Compounds, 2016, 667, 53-57.	5.5	106
6	Solid solution island of the Co-Cr-Fe-Ni high entropy alloy system. Scripta Materialia, 2017, 131, 42-46.	5.2	81
7	Synergistic effect of Ti and Al on L12-phase design in CoCrFeNi-based high entropy alloys. Intermetallics, 2019, 110, 106476.	3.9	76
8	Enhancing the mechanical properties of casting eutectic high entropy alloys with Mo addition. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	49
9	Tailoring nanoprecipitates for ultra-strong high-entropy alloys via machine learning and prestrain aging. Journal of Materials Science and Technology, 2021, 69, 156-167.	10.7	48
10	Ultra strong and ductile eutectic high entropy alloy fabricated by selective laser melting. Journal of Materials Science and Technology, 2022, 106, 128-132.	10.7	48
11	Solid solubility, precipitates, and stacking fault energy of micro-alloyed CoCrFeNi high entropy alloys. Journal of Alloys and Compounds, 2018, 769, 490-502.	5.5	46
12	Abnormal ϵ - μ phase transformation in the CoCrFeNiNb0.25 high entropy alloy. Scripta Materialia, 2018, 146, 281-285.	5.2	43
13	Tuning the defects in face centered cubic high entropy alloy via temperature-dependent stacking fault energy. Scripta Materialia, 2018, 155, 134-138.	5.2	41
14	Remelting induced fully-equiaxed microstructures with anomalous eutectics in the additive manufactured Ni ₃₂ Co ₃₀ Cr ₁₀ Fe ₁₀ Al ₁₈ eutectic high-entropy alloy. Scripta Materialia, 2021, 201, 113952.	5.2	41
15	Kinetic ways of tailoring phases in high entropy alloys. Scientific Reports, 2016, 6, 34628.	3.3	29
16	Revealing the Selection of β and γ Phases in CoCrFeNiMox High Entropy Alloys by CALPHAD. Journal of Phase Equilibria and Diffusion, 2018, 39, 446-453.	1.4	25
17	Rapid alloy design from superior eutectic high-entropy alloys. Scripta Materialia, 2022, 219, 114875.	5.2	20
18	Phase selection of BCC/B2 phases for the improvement of tensile behaviors in FeNiCrAl medium entropy alloy. Journal of Alloys and Compounds, 2022, 916, 165382.	5.5	19

#	ARTICLE	IF	CITATIONS
19	Eutectic dual-phase microstructure modulated porous high-entropy alloys as high-performance bifunctional electrocatalysts for water splitting. <i>Journal of Materials Chemistry A</i> , 2022, 10, 11110-11120.	10.3	18
20	Design Fe-based Eutectic Medium-Entropy Alloys Fe ₂ NiCrNbx. <i>Acta Metallurgica Sinica (English)</i> Tj ETQq0 0 0 rgBT JOverlock 10 Tf 50 70	2.9	17
21	Concurrent Recrystallization and Precipitation for Combination of Superior Precipitation and Grain Boundary Hardening in Co ₃₇ Cr ₂₀ Ni ₃₇ Ti ₃ Al ₃ High-Entropy Alloy. <i>Metals and Materials International</i> , 2022, 28, 2863-2873.	3.4	12
22	Endless recrystallization of high-entropy alloys at high temperature. <i>Journal of Materials Science and Technology</i> , 2022, 128, 71-81.	10.7	9
23	Distinct Recrystallization Kinetics in Ni-Co-Cr-Fe-Based Single-Phase High-Entropy Alloys. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 3799-3810.	2.2	5
24	Non-monotonous effect of pre-strain on the precipitates and strengthening mechanisms of high-entropy alloys. <i>Journal of Alloys and Compounds</i> , 2022, 906, 164338.	5.5	5
25	Deformation Behaviors of an Additive-Manufactured Ni ₃₂ Co ₃₀ Cr ₁₀ Fe ₁₀ Al ₁₈ Eutectic High Entropy Alloy at Ambient and Elevated Temperatures. <i>Acta Metallurgica Sinica (English Letters)</i> , 2022, 35, 1607-1616.	2.9	4
26	Remelting Induced Fully-Equiaxed Microstructures with Anomalous Eutectics in the Additive Manufactured Ni ₃₂ Co ₃₀ Cr ₁₀ Fe ₁₀ Al ₁₈ Eutectic High-Entropy Alloy. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0