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Microstructural development in equiatomic multicomponent alloys

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635	The effect of Ce addition on purification and inclusion modification of CoCrFeNiMn high entropy alloy. 2022 , 167716	O
634	High Hardness and Wear Resistance in AlCrFeNiV High-Entropy Alloy Induced by Dual-Phase Body-Centered Cubic Coupling Effects. 2022 , 15, 6896	1
633	Shock-induced dynamic response in single and nanocrystalline high-entropy alloy FeNiCrCoCu. 2022 , 107859	O
632	Elucidating the origination of annealing-induced hardening in an equiatomic medium-entropy alloy.	O
631	Microstructure, Thermal, and Magnetic Properties of the AlCoFeMnNi and AlCoFeMnNiX10 ($X = Ti$, Cr, Sn, V, Hf, Ga) High-Entropy Alloys.	O
630	Progress on New Preparation Methods, Microstructures, and Protective Properties of High-Entropy Alloy Coatings. 2022 , 12, 1472	1
629	First-principles study of vacancy defects in TiVTa and TiVTaNb concentrated solid-solution alloys. 2022 , 154096	O
628	Fatigue Behavior and Mechanisms of High-Entropy Alloys.	O
627	Influence of composition on structural evolution of high-entropy zirconatesBationic radius ratio and atomic size difference.	O
626	Fabrication, Microstructure, and Physico-Mechanical Properties of Fettr MitMow High-Entropy Alloys from Elemental Powders. 2022 , 12, 1764	O
625	Phase-field simulation of phase separation coupled with thermodynamic databases in FeNiCrCoCu high-entropy alloys. 2022 , 128,	O
624	Steels for rail axles - an overview. 1-31	O
623	The effects of grain size and temperature on mechanical properties of CoCrNi medium-entropy alloy.	O

622	Microstructure evolution and mechanical behavior of a CoCrFeNiMn0.75Cu0.25 high-entropy alloy by thermo-mechanical treatment. 2022 , 144274	О
621	Single-step electrochemical synthesis of nano-crystalline CoCrFeNi high-entropy alloy powder. 2022 , 107392	1
620	Excellent tensile properties and deformation mechanisms in a FeCoNi-based medium entropy alloy with dual-heterogeneous structures. 2022 , 132, 175111	О
619	Enhancing the yield strength of Nitotrie Alas-cast hypoeutectic high-entropy alloys by introducing I precipitation. 2022 , 858, 144190	O
618	A novel high-entropy alloy with multi-strengthening mechanisms: Activation of TRIP effect in C-doped high-entropy alloy. 2022 , 859, 144220	О
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616	Nano-TiC reinforced [Crfle4Co4Ni4]Cr3 high-entropy-alloy composite coating fabricated by laser cladding. 2022 , 21, 2076-2088	О
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614	Quasi-superplasticity in the AlCoNiV medium entropy alloy with Heusler L21 precipitates. 2022 , 10, 111103	1
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612	Effect of B-Si ratio and laser remelting on the microstructure and properties of Fe10Co10Ni10Cr4Mo6B Si10- coating by laser cladding. 2022 , 450, 128989	О
611	Interstitial-driven local chemical order enables ultrastrong face-centered cubic multicomponent alloys. 2022 , 118495	O
610	Directed energy deposition additive manufacturing of CoCrFeMnNi high-entropy alloy towards densification, grain structure control and improved tensile properties. 2022 , 144272	О
609	Physicochemical Properties of High-entropy Oxides.	O
608	Synthesis and characterization of the ceramic refractory metal high entropy nitride thin films from Cr-Hf-Mo-Ta-W system. 2022 , 449, 128987	О
607	HiPIMS and RF magnetron sputtered Al0.5CoCrFeNi2Ti0.5 HEA thin-film coatings: Synthesis and characterization. 2022 , 449, 128988	О
606	Strengthening mechanisms in high entropy alloys: A review. 2022 , 33, 104686	1
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603	Unusual phase transformation and novel hardening mechanisms upon impact loading in a medium entropy alloy with dual heterogeneous structure. 2022 , 151, 107747	Ο
602	Unraveling the oxidation mechanism of an AlCoCrFeNi high-entropy alloy at 1100IIC. 2022, 209, 110736	О
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600	Heterogeneous grain size and enhanced hardness by precipitation of the BCC particles in medium entropy FeNittr alloys. 2023 , 931, 167580	0
599	Molecular dynamics study of the effect of temperature on the shock response and plastic deformation mechanism of CoCrFeMnNi high-entropy alloys. 2023 , 0	O
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595	High-strength and energetic Al2Ti6Zr2Nb3Ta3 high entropy alloy containing a cuboidal BCC/B2 coherent microstructure. 2023 , 931, 167546	O
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593	Isolating strengthening contributions in multiphase high entropy (Zr-Ta-W-Ti)C-SiC based carbide ceramics. 2023 , 110, 106024	O
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587	Microstructural design via spinodal-mediated phase transformation pathways in high-entropy alloys (HEAs) using phase-field modelling. 2023 , 243, 118438	O

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580	Corrosion-erosion behavior and mechanism of Cu Mo co-doped high-entropy alloy coating prepared by directed energy deposition. 2022 , 129055	0
579	Machine-learning-based intelligent framework for discovering refractory high-entropy alloys with improved high-temperature yield strength. 2022 , 8,	O
578	Unconventional dislocation starvation behavior of medium-entropy alloy single crystal pillars containing pre-existing dislocations. 2022 ,	0
577	Microstructure and mechanical properties of equiatomic Ti-containing medium-entropy alloys. 2022 , 168089	1
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571	Hardening of Crtuகிled High-Entropy Composite Films.	O
570	Influence of the Al Content on the Properties of Mechanically Alloyed CoCrFeNiMnXAl20X High-Entropy Alloys. 2022 , 15, 7899	1
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567	Microstructural features and improved reversible hydrogen storage properties of ZrTiVFe high-entropy alloy via Cu alloying. 2022 ,	O
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564	Microstructure and wear resistance of AlCoCrFeNi-WC/TiC composite coating by laser cladding. 2022 , 112479	0
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558	Compositional undulation induced strain hardening and delocalization in multi-principal element alloys. 2022 , 107931	1
557	Temperature-Dependent Yield Strength of Nanoprecipitate-Strengthened Face-Centered Cubic High Entropy Alloys: Prediction and Analysis.	O
556	Toward understanding the microstructure and electrical resistivity of thermal-sprayed high-entropy alloy coatings.	1
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536	Fabrication of PtIrPd Noble Metal Medium Entropy Alloy Thin Film by Atomic Layer Deposition.	O
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513	Effects of stacking fault energy and temperature on grain boundary strengthening, intrinsic lattice strength and deformation mechanisms in CrMnFeCoNi high-entropy alloys with different Cr/Ni ratios. 2022 , 118541	O
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500	NiCoCr-based medium-entropy alloys with superior resistance to radiation hardening and helium cavity growth. 2023 , 574, 154196	О
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414	Deformation behavior, microstructure evolution, phase transformation and plastic instability origin of powder metallurgy Al0.8Co0.5Cr1.5CuFeNi alloy during high temperature deformation. 2022 , 861, 144373	O
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411	Microstructure, mechanical and tribological properties of CoCrFeNi high-entropy alloy fabricated by different preparing processes. 2022 , 133760	O
410	Corrosion behavior of VCrFeCoNi medium-entropy alloy in chloride solution. 2022,	0
409	Exploring the potential of high entropy perovskite oxides as catalysts for water oxidation. 2022 , 47, 101697	2
408	Enhanced mechanical performance of gradient-structured CoCrFeMnNi high-entropy alloys induced by industrial shot-blasting.	О
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404	Homogenization of diffusion in multicomponent liquids. 2022 , 157, 244503	O
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402	Designing durable, sustainable, high-performance materials for clean energy infrastructure. 2022 , 101200	O
401	Additively manufactured equiatomic CoCrFeMnNi high entropy alloy: precipitation-induced heterogeneity by mechano-chemical coupling. 2022 , 168514	O
400	Development of lightweight Al-based entropy alloys for elevated temperature applications. 2022 , 168619	O
399	Hierarchical Cu-Rich Nanoprecipitates in a CoFeTiVCu High-Entropy Alloy and Its Impressed Strength-Plasticity Balance.	O
398	Structure and Properties of Hard Nitride Coatings from a High-Entropy Alloy. 2022, 16, 1061-1068	O
397	Orientation Dependence of Shape Memory Effect and Superelasticity in (TiZrHf)50Ni25Co10Cu15 High-Entropy Alloy Single Crystals.	O
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395	Atomistic insights into sluggish crystal growth in an undercooled CoNiCrFe multi-principal element alloy. 2023 , 168881	O
394	Hall-Petch Strengthening by Grain Boundaries and Annealing Twin Boundaries in Non-Equiatomic Ni2FeCr Medium-Entropy Alloy. 2023 , 13, 134	O
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392	Effect of carbon on microstructure and mechanical properties of Co-free medium-entropy alloys. 1-8	0
391	CO2 adsorption on the (111) surface of fcc-structure high entropy alloys. 2023 , 3,	O
390	Analysis of (Al,Cr,Nb,Ta,Ti)-nitride and -oxynitride diffusion barriers in Cu-Si interconnects by 3D-Secondary Ion Mass Spectrometry. 2023 , 112676	O
389	Microstructure and Mechanical Properties of High-Specific-Strength (TiVCrZr)100⊠Wx (x = 5, 10, 15 and 20) Refractory High-Entropy Alloys. 2023 , 25, 100	O

388	Microstructural, Mechanical and Wear Properties of Atmospheric Plasma-Sprayed and High-Velocity Oxy-Fuel AlCoCrFeNi Equiatomic High-Entropy Alloys (HEAs) Coatings.	О
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377	Microstructure, mechanical and tribological properties of high-entropy (TaTiVW)C4 ceramics. 2023, 106114	O
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363	Short review on high entropy alloys for high temperature structural applications. 1-10	O
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347	Influence of oxygen on performance of multi-principal element alloy as braze filler for Ni-base alloys. 2023 , 87, 25-35	O
346	Thermal stability of MoNbTaTiW, MoNbTaVW and CrMoNbTaW thin films deposited by high power impulse magnetron sputtering. 2023 , 454, 129189	0
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329	Study of Al Addition on Sintered CuCrFeNiTi as a Potential Alloy for Automotive Components. 2023 , 13, 77	O
328	Review of Novel High-Entropy Protective Materials: Wear, Irradiation, and Erosion Resistance Properties. 2023 , 25, 73	О
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313	Atomic-scale insight into interaction mechanism between screw dislocation and HCP phase in high-entropy alloy. 2023 , 133, 034302	O
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311	Irradiation behavior of HfNbTaTiV in comparison of HfNbTaTiZr and F82H. 1-7	O
310	Additive manufacturing of high-entropy alloy composites: A review. 2023 , 33, 1-24	0
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308	Strange Metallicity and Magnetic Order in the CoNi(Cr/V) Medium-Entropy Alloy System. 2023, 16, 1044	O
307	Corrosion-Resistant Coating Based on High-Entropy Alloys. 2023 , 13, 205	O
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302	Effective Utilization of Metallurgical Characterization for Oxidation Resistance Coatings. 2023, 519-528	0
301	High-Entropy Alloy Catalysts toward Multi-Functionality: Synthesis, Application, and Material Discovery. 2023 ,	O
300	Computing grain boundary phaseldiagrams. 2023 , 2, 137-160	1
299	From High-Entropy Alloys to High-Entropy Ceramics: The Radiation-Resistant Highly Concentrated Refractory Carbide (CrNbTaTiW)C.	Ο

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297	Microstructure tailoring by manipulating chemical composition in novel CoNiMnCrAl high-entropy alloys. 2023 , 944, 169207	O
296	Corrosion and passive behavior of Al0.8CrFeNi2.2 eutectic high entropy alloy in different media. 2023 , 944, 169217	0
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293	As-cast Co-free Al0.4Ni0.4CrFe high entropy alloy with hierarchical coherent precipitates and remarkable mechanical properties. 2023 , 35, 105565	Ο
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286	N2 adsorption on high-entropy alloy surfaces: unveiling the role of local environments.	0
285	The Enhanced Corrosion Resistance of Harmonic Structured Cantor Alloy in Hank® Simulated Body Fluid.	O
284	Elemental synergistic effect in CoxCrCuFeMnNi high-entropy alloys and its influence on phase and magnetic properties. 2023 , 23, 2542-2556	0
283	Influence of Milling Conditions on AlxCoCrFeNiMoy Multi-Principal-Element Alloys. 2023 , 13, 662	Ο
282	Microstructure and Properties of AlCrCoFexNiCu High-Entropy Alloy Coating Synthesized via Cold Spraying-Assisted Induction Remelting Method.	0
281	Phase predictions via thermodynamic parameter (I) vs enthalpy mix (\$\$Delta {H}_{mathrm{mix}})\$\$ for (CrHeNiIIiNb) high-entropy alloy.	O

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274	Microstructure and mechanical properties of novel AltuMgIn lightweight entropy alloys for elevated-temperature applications. 2023 , 112927	О
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272	A simple phenomenological model to describe stability of homogeneous solid solutions in high entropy alloys from metallic bonding potential. 2023 , 28, 101744	O
271	Trace B doping Fe50Mn30Co10Cr10 high entropy alloy: Mechanical response and multi-microstructure evolution under TWIP and TRIP effects. 2023 , 873, 145037	O
270	Prediction of mechanical properties of AlTiCrVNb high entropy alloys with B2 ordered structure. 2023 , 24, 440-448	O
269	Multi-principal element alloys with High-density nanotwinned 9R phase. 2023 , 229, 111925	O
268	In-situ synthesis of a FeCoCrNiCu/FeCoCrNiAl composite high entropy alloy coating by laser cladding. 2023 , 461, 129447	O
267	A Co-rich chemically complex intermetallic alloy with extraordinary strength-ductility synergy. 2023 , 229, 115371	O
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265	Deformation behavior and strengthening effects of an eutectic AlCoCrFeNi2.1 high entropy alloy probed by in-situ synchrotron X-ray diffraction and post-mortem EBSD. 2023 , 872, 144946	O
264	Phase stability and possible superconductivity of new 4d and 5d transition metal high-entropy alloys. 2023 , 321, 123881	О
263	Microstructure and properties of Al0.5NbTi3VxZr2 refractory high entropy alloys combined with high strength and ductility. 2023 , 24, 1733-1743	O

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261	Perspectives on novel refractory amorphous high-entropy alloys in extreme environments. 2023 , 32, 101796	O
260	Microstructure, mechanical properties, and wear behavior of AlCoCrFeNi high-entropy alloy and AlCrFeNi medium-entropy alloy with WC addition. 2023 , 522, 204701	O
259	Nano-structuring of a high entropy alloy by severe plastic deformation: Experiments and crystal plasticity simulations. 2023 , 250, 118814	O
258	Yield and flow properties of ultra-fine, fine, and coarse grain microstructures of FeCoNi equiatomic alloy at ambient and cryogenic temperatures. 2023 , 230, 115392	0
257	Microstructure characterization and corrosion behavior of Alx(CoCrFeNi)100᠒ (x៤៤, 5, 10, 15, 20) high entropy alloys in 0.5៤M⋅H2SO4 solution. 2023 , 944, 169247	O
256	In situ synthesis of N-containing CoCrFeNi high entropy alloys with enhanced properties fabricated by selective laser melting. 2023 , 229, 111891	0
255	Effect of Mo addition on microstructure and wear resistance of laser clad AlCoCrFeNi-TiC composite coatings. 2023 , 623, 157071	O
254	Super capacity of boron on the grain refinement of FeCoCrNiMn high entropy alloy. 2023, 945, 169320	O
253	Development and characterization of a novel high entropy alloy strengthened through concurrent spinodal decomposition and precipitation. 2023 , 947, 169706	O
252	Exploring strengthening mechanism of FeCoNiAl high-entropy alloy by non-metallic silicon addition produced via powder metallurgy. 2023 , 947, 169545	O
251	Understanding non-stochiometric deposition of multi-principal elemental NiCoCr thin films. 2023 , 623, 157011	O
250	Development and characterization of boride-reinforced CoCrFeNi composites. 2023, 947, 169535	O
249	Hard yet tough thermodynamics-driven nanostructured (AlCrNbSixTi)N multicomponent nitride hard coating. 2023 , 947, 169645	O
248	A novel strategy for architecting low interfacial energy transition phase to enhance thermal stability in a high-entropy alloy. 2023 , 947, 169570	O
247	Favorable property integration in high entropy alloys via dissimilar friction stir welding: A case study using Al0.3CoCrFeNi and Fe38.5Co20Mn20Cr15Si5Cu1.5 HEAs. 2023 , 35, 105822	O
246	Excellent combination of compressive strength and strain of AlCrFeNi MPEAs via adding Ti and V. 2023 , 947, 169560	0
245	Strain-engineering-regulated Al0.6CrFe2Ni2 high entropy alloy enhances electrocatalytic water oxidation. 2023 , 945, 169319	O

244	Design and development of low density, high strength ZrNbAlVTi high entropy alloy for high temperature applications. 2023 , 113, 106222	О
243	Development of wear-resistant dual-phase high-entropy alloys enhanced by C15 Laves phase. 2023 , 200, 112879	Ο
242	Effect of manganese on mechanical properties and deformation mechanism of CoCrFeNi high entropy alloys. 2023 , 35, 105844	О
241	The chromization on hot-rolled Fe40Mn20Cr20Ni20 high-entropy alloys by pack cementation. 2023 , 947, 169582	Ο
240	Microstructure, mechanical and tribological behavior of CrHfNbTaTiCxNy high-entropy carbonitride coatings prepared by double glow plasma alloy. 2023 , 523, 204751	О
239	Deformation behavior of high-entropy alloys under dual-tip probe scratching. 2023 , 946, 169427	О
238	Microstructures, mechanical properties, and irradiation tolerance of the TiZrNbVMo refractory high-entropy alloys. 2023 , 157, 107873	О
237	Eutectic high entropy alloy syntactic foam. 2023 , 149, 177-189	O
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235	Properties of a new TiTaZrHfW(N) refractory high entropy film deposited by reactive DC pulsed magnetron sputtering. 2023 , 462, 129503	О
234	Investigations on the microstructures and tribological behaviors of as-cast CrFeCoNiCux high entropy alloys. 2023 , 157, 107886	О
233	Improved passivation ability via tuning dislocation cell substructures for FeCoCrNiMn high-entropy alloy fabricated by laser powder bed fusion. 2023 , 621, 156856	O
232	Design of Fe36.29Cr28.9Ni26.15Cu4.17Ti1.67V2.48C0.46 HEA using a new criterion based on VEC: Microstructural study and multiscale mechanical response. 2023 , 35, 105681	О
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229	Study on microstructure and the hydrogen storage behavior of a TiVZrNbFe high-entropy alloy. 2023 , 157, 107885	O
228	Machine learning and visualization assisted solid solution strengthening phase prediction of high entropy alloys. 2023 , 35, 105894	0
227	Microstructure and wear behavior of (ZrTaNb)C/N quaternary ceramic coatings prepared by double-cathode glow plasma surface alloying on titanium alloy. 2023 , 523, 204789	O

226	Dynamic mechanical relaxation behavior of TiZrHfCu-Ni/Be/NiBe high-entropy metallic glasses. 2023 , 157, 107887	Ο
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223	Uncertainty quantification of predicting stable structures for high-entropy alloys using Bayesian neural networks. 2023 , 81, 118-124	0
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219	Enhanced strengthening effect of aging heat treatment found in additively-formed CoCrFeNiTi-based multiprincipal element alloy. 2023 , 35, 105938	Ο
218	Phase inversion in a lightweight high Al content refractory high-entropy alloy. 2023, 150, 124-137	0
217	Corrosion and corrosive wear of AlCrFeCoNi and Co-free AlCrFeNi-Tix ($x = 01.5$) high-entropy alloys in 3.5 wt % NaCl and H2SO4 (pH = 3) solutions. 2023 , 523, 204765	O
216	Active screen plasma nitriding of a Si-alloyed FeCrNi medium entropy alloy: High interstitial absorption and an anomalous Si-induced decomposition mechanism in N-expanded austenite. 2023 , 624, 157137	0
215	Alloying behavior of W and Mo in the as-cast dual-phase FeNiCrAl multi-component alloys. 2023 , 951, 169951	Ο
214	High entropy effect on double exchange interaction and charge ordering in half doped Nd0.5Sr0.5MnO3 manganite. 2023 , 951, 169950	0
213	Low-density CoAlTi-B2 strengthened Al-Co-Cr-Mo-Ti bcc refractory high-entropy superalloy designed with the assistance of high-throughput CALPHAD method. 2023 , 952, 170027	O
212	Novel CoFeAlMn high-entropy alloys with excellentsoft magnetic properties and high thermal stability. 2023 , 153, 22-31	0
211	Electromagnetic wave absorbing properties of high-entropy transition metal carbides powders. 2023 , 163, 112212	O
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205	Improvement mechanical properties of CuCrFeNi2Mn2 alloy through microstructural control with aging treatment. 2023 , 157, 107869	O
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202	The influence of water vapour on high-temperature oxidation of Al,Co,Cr,Ni-containing high entropy alloys under thermal shock conditions. 2023 , 952, 170054	0
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199	Multiscale-phase-driven strength-ductility synergy in Fe3Cr2CoNiAlx high entropy alloys. 2023 , 156, 107865	O
198	Microstructural evolution, mechanical and wear properties, and corrosion resistance of as-cast CrFeNbTiMox Refractory high entropy alloys. 2023 , 155, 107829	O
197	Glass forming ability in GdIoAl system: Is vitrification triggered by competing multiple frustrated phases?. 2023 , 366-367, 115158	O
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188	Strengthening and toughening bulk Ni2CoFeV0.5 medium-entropy alloy via thermo-mechanical treatment. 2023 , 151, 19-29	0
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185	Defective multi-element hydroxides nanosheets for rapid removal of anionic organic dyes from water and oxygen evolution reaction. 2023 , 447, 130803	O
184	Dual-effects of carbon doping on the recrystallization kinetics of the Cantor alloy during mid-temperature annealing. 2023 , 155, 107828	0
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182	Effect of harmonic structure on the electrochemical behavior of high entropy Cantor alloy in NaCl solution. 2023 , 298, 127414	0
181	Competition between solid solution and multi-component Laves phase in a dual-phase refractory high-entropy alloy CrHfNbTaTi. 2023 , 226, 111646	O
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162	Microstructure and mechanical properties of the Nb37.7Mo14.5Ta12.6Ni28.16Cr7.04 multi-principal alloys fabricated by gas tungsten wire arc welding additive manufacturing. 2023 , 210, 111900	О
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157	Microstructure and mechanical properties of FeCoCrNiAl0.1N high entropy alloy nitride coatings synthesized by cathodic arc ion plating using alloy target. 2023 , 457, 129305	O
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119	Effect of Annealing on Microstructure Evolution and Tensile Behavior of Hot-Rolled FeMnCoCrAl High-Entropy Alloy.	O

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80	A CrMnFeCoNi high entropy alloy boosting oxygen evolution/reduction reactions and zinc-air battery performance. 2023 , 58, 287-298	O
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69	Investigation of Mechanical Properties and Wear Resistance of A2/B2 Type Medium-Entropy Alloy Matrix Reinforced with Tungsten Particles by In-Situ Reaction. 2023 , 13, 656	O
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62	Fatigue crack growth behavior in CoCrFeMnNi high entropy alloy with harmonic structure topology. 2023 , 172, 107656	0
61	An investigation on the wear and subsurface deformation mechanism of CoCrFeMnNi high entropy alloy at subzero temperature. 2023 , 204868	O
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58	Fast fabrication of SnTe via a non-equilibrium method and enhanced thermoelectric properties by medium-entropy engineering.	0
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56	Disorder-order transition in multiprincipal element alloy: A free energy perspective. 2023, 7,	O
55	Defect modeling and control in structurally and compositionally complex materials. 2023, 3, 210-220	O
54	Eutectic MoNbTa(WC)x Composites with Excellent Elevated Temperature Strength. 2023, 13, 687	О
53	Room and Elevated Temperature Sliding Friction and Wear Behavior of Al0.3CoFeCrNi and Al0.3CuFeCrNi2 High Entropy Alloys. 2023 , 13, 609	Ο
52	Optimal synthesis, fine-scale microstructural characterization, and property estimation of reactive-spark plasma sintered bulk multicomponent (Nb, Ti, Zr, Cr)B2.	О
51	Effects of Chloride Ions on Passive Oxide Films Formed on Cr-Fe-Co-Ni(-Mo) Multi-Principal Element Alloy Surfaces. 2023 , 170, 041506	O
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47	Nanostructure-property relation of B grain boundary in HfNbZrTi high-entropy alloy under shear. 2023 , 58, 6757-6774	O

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44	A TiC reinforced Co-free Fe50Mn25Ni10Cr15 medium-entropy alloy with multiple strengthening mechanisms. 2023 , 343, 134375	O
43	Effect of heat treatment time on the microstructure and properties of FeCoNiCuTi high-entropy alloy. 2023 , 24, 4510-4516	O
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31	Mechanical Alloying Behavior and Thermal Stability of CoCrCuFeMnNix High-Entropy Alloy Powders Prepared via MA. 2023 , 16, 3179	o
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28	Machine-Learning-Guided Phase Identification and Hardness Prediction of Al-Co-Cr-Fe-Mn-Nb-Ni-V Containing High Entropy Alloys. 2023 , 170193	O
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24	The role of cryogenic pre-strain on the hydrogen embrittlement of FeNiCoCrMn high-entropy alloys. 2023 , 218, 111197	O
23	Supersaturation and dissolvable ECr phase enable superior oxidation resistance in FeCrNi medium-entropy alloys. 2023 , 954, 170216	O
22	Universal Maximum Strength of Solid Metals and Alloys. 2023 , 130,	O
21	A 3D printable alloy designed for extreme environments.	O
20	The effect of grain boundary on irradiation resistance of CoCrCuFeNi high entropy alloy. 2023, 225, 112185	O
19	Compositional effects on dislocation properties in NiCo and NiFe alloys using atomistic simulations. 2023 , 225, 112191	O
18	Mechanical properties and corrosion resistance of AlxCoCuFeMn high-entropy alloys. 2023,	O
17	Intermediate-temperature creep behaviors of an equiatomic VNbMoTaW refractory high-entropy alloy. 2023 ,	O
16	High-entropy oxides for energy storage and catalysis. 2023 , 209-236	O
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13	Exploring the Hydrogen Sorption Capabilities of a Novel Ti-V-Mn-Zr-Nb High-Entropy Alloy. 2023 , 11, 186	O
12	Recent progress in high-entropy metallic glasses. 2023 , 161, 50-62	O
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9	An investigation of the magnetic, mechanical, and kinetic characteristics of CuCrFeTiNi high entropy alloy by mechanical alloying and spark plasma sintering. 2023 , 958, 170347	O
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7	The Effects of WC on the Microstructures and Wear Resistance of FeCoCrNiB0.2 High Entropy Alloy. 2023 , 38, 416-422	O
6	Novel High-Entropy Oxides for Energy Storage and Conversion: From Fundamentals to Practical Applications. 2023 ,	O
5	Influences of Milling Time and NbC on Microstructure of AlCoCrFeNi2.1 High Entropy Alloy by Mechanical Alloying. 2023 , 38, 423-429	O
4	Investigation of thermal and mechanical effects during electrically-assisted compression of CoCrFeNiW0.5 high entropy alloy. 2023 , 202, 112981	O
3	High entropy alloy thin films on SS304 substrates: Evolution of microstructure and interface modulated by energetic condensation in nanoscale. 2023 , 230, 111981	O
2	Pressure-Stabilized High-Entropy (FeCoNiCuRu)S 2 Sulfide Anode toward Simultaneously Fast and Durable Lithium/Sodium Ion Storage.	0
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