

# Hyeonseok Kwon

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Precipitation-driven metastability engineering of carbon-doped CoCrFeNiMo medium-entropy alloys at cryogenic temperature. <i>Scripta Materialia</i> , 2020, 188, 140-145.	5.2	59
2	Nano-scale heterogeneity-driven metastability engineering in ferrous medium-entropy alloy induced by additive manufacturing. <i>Acta Materialia</i> , 2021, 221, 117426.	7.9	58
3	Synergetic strengthening from grain refinement and nano-scale precipitates in non-equiatomic CoCrFeNiMo medium-entropy alloy. <i>Intermetallics</i> , 2021, 135, 107212.	3.9	20
4	Fabrication of multi-gradient heterostructured CoCrFeMnNi high-entropy alloy using laser metal deposition. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 836, 142718.	5.6	19
5	Novel Co-Cu-Based Immiscible Medium-Entropy Alloys with Promising Mechanical Properties. <i>Metals</i> , 2021, 11, 238.	2.3	16
6	Metastability engineering of partially recrystallized C-doped non-equiatomic CoCrFeNiMo medium-entropy alloy. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	16
7	Temperature- and strain-dependent thermally-activated deformation mechanism of a ferrous medium-entropy alloy. <i>Intermetallics</i> , 2021, 134, 107202.	3.9	10
8	Effect of heat treatment on microstructural heterogeneity and mechanical properties of 1%C-CoCrFeMnNi alloy fabricated by selective laser melting. <i>Additive Manufacturing</i> , 2021, 47, 102283.	3.0	9
9	Mechanical and magnetic properties of soft magnetic Fe-Ni permalloy produced by directed energy deposition processes. <i>Journal of Materials Science</i> , 2022, 57, 17967-17983.	3.7	6