

# Hyeonseok Kwon

## List of Publications by Year in descending order

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9  
papers

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1163117  
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| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | 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        |
| 2 | 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         |
| 3 | Novel Co-Cu-Based Immiscible Medium-Entropy Alloys with Promising Mechanical Properties. <i>Metals</i> , 2021, 11, 238.   | 2.3 | 16        |
| 4 | Temperature- and strain-dependent thermally-activated deformation mechanism of a ferrous medium-entropy alloy. <i>Intermetallics</i> , 2021, 134, 107202.   | 3.9 | 10        |
| 5 | 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        |
| 6 | 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         |
| 7 | 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        |
| 8 | Metastability engineering of partially recrystallized C-doped non-equiatomic CoCrFeNiMo medium-entropy alloy. <i>Applied Physics Letters</i> , 2021, 119, .   | 3.3 | 16        |
| 9 | 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        |