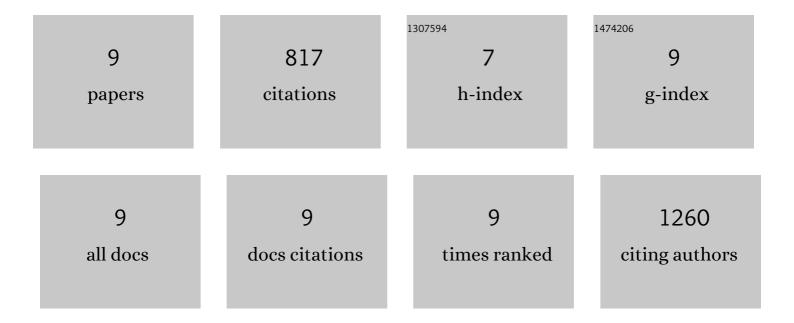
Hyunseok Oh

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6349343/publications.pdf

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HVUNSEON OH

#	Article	IF	CITATIONS
1	Sustainability through alloy design: Challenges and opportunities. Progress in Materials Science, 2021, 117, 100722.	32.8	58
2	Enhancing damage-resistance in low carbon martensitic steels upon dual-pass laser treatment. Scripta Materialia, 2021, 192, 13-18.	5.2	12
3	Optimization of conflicting properties via engineering compositional complexity in refractory high entropy alloys. Scripta Materialia, 2021, 199, 113839.	5.2	17
4	Rapid assessment of solid solution hardening via atomic size misfit parameter in refractory concentrated alloys. Journal of Alloys and Compounds, 2021, 886, 161320.	5.5	6
5	A criterion of ideal thermoplastic forming ability for metallic glasses. Scripta Materialia, 2020, 187, 221-226.	5.2	7
6	Real-time observations of TRIP-induced ultrahigh strain hardening in a dual-phase CrMnFeCoNi high-entropy alloy. Nature Communications, 2020, 11, 826.	12.8	165
7	A strategy of designing high-entropy alloys with high-temperature shape memory effect. Scientific Reports, 2019, 9, 13140.	3.3	38
8	Engineering atomic-level complexity in high-entropy and complex concentrated alloys. Nature Communications, 2019, 10, 2090.	12.8	182
9	The Achilles' heel of iron-based catalysts during oxygen reduction in an acidic medium. Energy and Environmental Science, 2018, 11, 3176-3182.	30.8	332