

# Gyeong-Ho Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4272278/publications.pdf>

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17  
papers

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citations

1163117

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940533

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docs citations

17  
times ranked

455  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Ultrastretchable and Self-Healable Nanocomposite Conductor Enabled by Autonomously Percolative Electrical Pathways. ACS Nano, 2019, 13, 6531-6539.	14.6	99
2	Microstructure and mechanical properties of friction stir welded and laser welded high entropy alloy CrMnFeCoNi. Metals and Materials International, 2018, 24, 73-83.	3.4	84
3	Ultra-strong and strain-hardenable ultrafine-grained medium-entropy alloy via enhanced grain-boundary strengthening. Materials Research Letters, 2021, 9, 315-321.	8.7	38
4	Role of Hydrogen and Temperature in Hydrogen Embrittlement of Equimolar CoCrFeMnNi High-entropy Alloy. Metals and Materials International, 2021, 27, 166-174.	3.4	26
5	Vertical graphene on flexible substrate, overcoming limits of crack-based resistive strain sensors. Npj Flexible Electronics, 2022, 6, .	10.7	22
6	Corrosion behavior of magnesium powder fabricated by high-energy ball milling and spark plasma sintering. Metals and Materials International, 2014, 20, 1095-1101.	3.4	16
7	Nanoscale light element identification using machine learning aided STEM-EDS. Scientific Reports, 2020, 10, 13699.	3.3	14
8	Tensile and fracture behaviors of austenitic high-manganese steels subject to different hydrogen embrittlement test methods. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 766, 138367.	5.6	12
9	Strain-induced microstructural evolution in epitaxial Fe/MgO layers grown on In <sub>x</sub> Ga <sub>1-x</sub> As(001) substrates. Applied Physics Letters, 2009, 95, .	3.3	7
10	Self-healing behavior of Inconel 617B superalloy. Journal of Alloys and Compounds, 2019, 805, 1217-1223.	5.5	7
11	Microstructural Evolution and Electrochemical Properties of HRDSR AZ61- <i>X</i> ( <i>X</i> = Ca, Ti) Alloys. Journal of Nanoscience and Nanotechnology, 2018, 18, 6081-6089.	0.9	4
12	<i>In Situ</i> Scanning Electron Microscopy Analysis of the Interfacial Failure of Oxide Scales on Stainless Steels and Its Effect on Sticking during Hot Rolling. ACS Omega, 2022, 7, 15174-15185.	3.5	4
13	Influence of Hydrogen Absorption on Stacking Fault of Energy of a Face-Centered Cubic High Entropy Alloy. Metals and Materials International, 2022, 28, 2637-2645.	3.4	4
14	Effect of Thermal Charging of Hydrogen on the Microstructure of Metastable Austenitic Stainless Steel. Steel Research International, 2017, 88, 1600063.	1.8	2
15	Hydrogen-induced change in microstructure and properties of steels: 18Cr10Mn~0.4N vis-À-vis 18Cr10Ni. Materials Science and Technology, 2018, 34, 584-586.	1.6	2
16	Corrosion Properties of Ultra-Fine-Grained Cu-3 wt%Ti Alloy Fabricated by Combination of Hot Rolling and Aging Treatment. Journal of Nanoscience and Nanotechnology, 2019, 19, 6487-6492.	0.9	2
17	5 <sup>th</sup> Congress of the International Union of Microbeam Analysis Societies in conjunction with the 8 <sup>th</sup> International Symposium on Atomic Level Characterization for New Materials and Devices' 11. Surface and Interface Analysis, 2012, 44, 1385-1385.	1.8	0