

# Yongjoon Kang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/999794/publications.pdf>

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12  
papers

226  
citations

1478505

6  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Factors Affecting the Inclusion Potency for Acicular Ferrite Nucleation in High-Strength Steel Welds. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2016, 47, 2842-2854.	2.2	64
2	Influence of Ti on non-metallic inclusion formation and acicular ferrite nucleation in high-strength low-alloy steel weld metals. Metals and Materials International, 2014, 20, 119-127.	3.4	63
3	Mn-Depleted Zone Formation in Rapidly Cooled High-Strength Low-Alloy Steel Welds. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 4753-4757.	2.2	23
4	Variation in the Chemical Driving Force for Intragranular Nucleation in the Multi-pass Weld Metal of Ti-Containing High-Strength Low-Alloy Steel. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2015, 46, 3581-3591.	2.2	20
5	Correlation Between Microstructure and Low-Temperature Impact Toughness of Simulated Reheated Zones in the Multi-pass Weld Metal of High-Strength Steel. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2018, 49, 177-186.	2.2	18
6	Solidification Cracking Susceptibility of the Weld Metal of Additively Manufactured 316L Stainless Steel. Journal of Welding and Joining, 2021, 39, 45-50.	1.3	13
7	Microstructure and Mechanical Properties of Reheated Zones in the Multi-pass Weld Metal of High-Strength Steel. Journal of Welding and Joining, 2017, 35, 21-26.	1.3	5
8	Nucleation Behavior of Acicular Ferrite in 1 GPa Class High Strength Steel Weld Metal. Journal of Welding and Joining, 2019, 37, 21-26.	1.3	5
9	Effect of Post-Weld Heat Treatment Temperature on the Mechanical Properties and Microstructure of Weld Heat-Affected Zone of Low-Alloy Steel for Nuclear Reactor Pressure Vessel. Journal of Welding and Joining, 2020, 38, 24-32.	1.3	5
10	Effect of Microstructure on Low-Temperature Impact Toughness of Multi-Pass Weld Metal of 1 GPa Class High Strength Steel. Journal of Welding and Joining, 2021, 39, 233-238.	1.3	4
11	Effect of Post-Weld Heat Treatment Temperature on the Mechanical Properties and Microstructure of Simulated Weld Heat-Affected Zone of SA-516 Grade 70 Carbon Steel. Journal of Welding and Joining, 2018, 36, 82-88.	1.3	4
12	Effect of Post-Weld Heat Treatment Temperature on the Mechanical Properties and Microstructure of Carbon Steel Base Metal. Journal of Welding and Joining, 2021, 39, 582-589.	1.3	2