

# Sunmi Shin

## List of Publications by Year in descending order

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papers

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1307594

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11  
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docs citations

11  
times ranked

333  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of ultrasonic melt treatment conditions on melt quality of Al-Mg alloy. Journal of Materials Research and Technology, 2022, 19, 2645-2656.	5.8	6
2	Effect of Gas Bubbling Filtration Treatment Conditions on Melt Quality of AlSiMgCu Alloy. Metals, 2021, 11, 841.	2.3	4
3	Effect of Heat Treatment and Drawing on High-Manganese Steel Pipe Welded by Gas Tungsten Arc. Metals, 2020, 10, 1366.	2.3	4
4	Effects of Casting Conditions for Reduced Pressure Test on Melt Quality of Al-Si Alloy. Metals, 2020, 10, 1422.	2.3	5
5	Microstructure and Mechanical Properties of Gas Tungsten Arc Welded High Manganese Steel Sheet. Metals, 2019, 9, 1167.	2.3	10
6	Effects of Mg Content on Hydrogen Content and Melt Quality of Al-Mg Alloys. Metals, 2019, 9, 1235.	2.3	10
7	Tensile Properties of Medium Mn Steel with a Bimodal UFG $\alpha$ -Fe and Coarse $\delta$ -Ferrite Microstructure. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 1678-1700.	2.2	61
8	Combined Intercritical Annealing and Q&P Processing of Medium Mn Steel. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 39-45.	2.2	46
9	Micromechanical finite element analysis of strain partitioning in multiphase medium manganese TWIP+TRIP steel. Acta Materialia, 2016, 108, 219-228.	7.9	165
10	Anisotropic magnetic properties and domain structure in Fe-3%Si (110) steel sheet. Journal of Applied Physics, 2011, 109, .	2.5	12
11	Grain Boundary Penetration by Lancel Domains in Fe-3%Si Grain-Oriented Steel. IEEE Transactions on Magnetics, 2010, 46, 3574-3581.	2.1	30