

# Sunmi Shin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11712666/publications.pdf>

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11  
papers

353  
citations

1307594

7  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

333  
citing authors

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