

Sangyong Shin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effects of Molybdenum and Vanadium Addition on Tensile and Charpy Impact Properties of API X70 Linepipe Steels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2007, 38, 1731-1742.	2.2	61
2	Serration Phenomena Occurring During Tensile Tests of Three High-Manganese Twinning-Induced Plasticity (TWIP) Steels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 633-646.	2.2	40
3	Effects of Cooling Rate on the Microstructure and Tensile Properties of Wire-Arc Additive Manufactured Ti-6Al-4V Alloy. Metals and Materials International, 2020, 26, 1235-1246.	3.4	38
4	Correlation Between Microstructures and Tensile Properties of Strain-Based API X60 Pipeline Steels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2016, 47, 2726-2738.	2.2	26
5	Effects of Start and Finish Cooling Temperatures on Microstructure and Mechanical Properties of Low-Carbon High-Strength and Low-Yield Ratio Bainitic Steels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 2004-2013.	2.2	23
6	Effects of Oxides on Tensile and Charpy Impact Properties and Fracture Toughness in Heat Affected Zones of Oxide-Containing API X80 Linepipe Steels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 3036-3050.	2.2	22
7	Effects of Dynamic Strain Hardening Exponent on Abnormal Cleavage Fracture Occurring During Drop Weight Tear Test of API X70 and X80 Linepipe Steels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 682-697.	2.2	17
8	Microstructure and Charpy Impact Properties of FCAW and SAW Heat Affected Zones of 100mm Thick Steel Plate for Offshore Platforms. Metals and Materials International, 2020, 26, 867-881.	3.4	16
9	Effects of Finish Cooling Temperature on Tensile Properties After Thermal Aging of Strain-Based API X60 Linepipe Steels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2015, 46, 3989-3998.	2.2	15
10	Correlation of microstructure with tensile and crack tip opening displacement properties at low temperatures in API linepipe steels. Metals and Materials International, 2015, 21, 628-638.	3.4	8
11	Effects of C and Si on strain aging of strain-based API X60 pipeline steels. Metals and Materials International, 2017, 23, 450-458.	3.4	8
12	Improvement of Mechanical Properties of Zr-Based Bulk Amorphous Alloys by High Temperature Heat Treatment. Metals and Materials International, 2020, 26, 1144-1151.	3.4	5
13	Correlation Between HAZ Microstructure and Low Temperature Impact Toughness of Bainitic Steel Plates. Journal of Welding and Joining, 2021, 39, 269-277.	1.3	5
14	Effects of Mo and Nb on Microstructure and Charpy Impact Properties of CGHAZ in HSLA Steels. Journal of Welding and Joining, 2022, 40, 22-32.	1.3	5