

# Suk Chun Moon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8880218/publications.pdf>

Version: 2024-02-01

10  
papers

105  
citations

1478505

6  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

80  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental evidence of liquid feeding during solidification of a steel. Scripta Materialia, 2018, 146, 105-109.	5.2	28
2	In situ characterisation of MnS precipitation in high carbon steel. Scientific Reports, 2019, 9, 10096.	3.3	16
3	In-situ microstructural observation of Ti-Cu alloys for semi-solid processing. Materials Characterization, 2018, 145, 10-19.	4.4	15
4	Development of healing control technology for reducing breakout in thin slab casters. Control Engineering Practice, 2009, 17, 3-13.	5.5	12
5	Re-start Technology for Reducing Sticking-type Breakout in Thin Slab Caster. ISIJ International, 2008, 48, 48-57.	1.4	10
6	New insights of the peritectic phase transition in steel through in-situ measurement of thermal response in a high-temperature confocal microscope. Materials Characterization, 2021, 172, 110841.	4.4	9
7	Exploring the Ti-5553 phase transformations utilizing in-situ high-temperature laser-scanning confocal microscopy. Materials Characterization, 2020, 159, 110013.	4.4	5
8	Solidification and the $\delta/\beta$ phase transformation of steels in relation to casting defects. IOP Conference Series: Materials Science and Engineering, 2012, 27, 012061.	0.6	3
9	Engulfment Behavior of Inclusions in High-Carbon Steel: Theoretical and Experimental Investigation. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2018, 49, 2986-2997.	2.1	3
10	Quantitative Thermal Analysis of Solidification in a High-Temperature Laser-Scanning Confocal Microscope. Minerals, Metals and Materials Series, 2019, , 131-141.	0.4	2