

# Sami Koskenniska

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9493658/publications.pdf>

Version: 2024-02-01

10  
papers

57  
citations

1937685

4  
h-index

1720034

7  
g-index

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10  
docs citations

10  
times ranked

30  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of the Solidification and Microstructural Evolution in Steel Casting Processes Using the InterDendritic Solidification Tool. Steel Research International, 2022, 93, .	1.8	4
2	New phenomenological quality criteria for continuous casting of steel based on solidification and microstructure tool IDS. Ironmaking and Steelmaking, 2021, 48, 170-179.	2.1	4
3	Coupled heat transfer and phase transformations of dual-phase steel in coil cooling. Materials Today Communications, 2021, 26, 101973.	1.9	12
4	Optimization of the CCT Curves for Steels Containing Al, Cu and B. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2021, 52, 1640-1663.	2.1	6
5	Determination of effective heat transfer coefficient for water spray cooling of steel. Procedia Manufacturing, 2020, 50, 488-491.	1.9	4
6	A study on grain growth using a novel grain size calculation tool. Procedia Manufacturing, 2020, 50, 684-688.	1.9	5
7	Thermodynamic, Kinetic, and Microstructure Data for Modeling Solidification of Fe-Al-Mn-Si-C Alloys. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2020, 51, 2946-2962.	2.1	6
8	Optimization of CCT Equations Using Calculated Grain Boundary Soluble Compositions for the Simulation of Austenite Decomposition of Steels. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2019, 50, 2853-2866.	2.1	9
9	Experimental determination of heat transfer coefficients in roll bite and air cooling for computer simulations of 1100â€¦MPa carbon steel rolling. AIP Conference Proceedings, 2018, , .	0.4	5
10	Application of Image Analysis Method Combined with Microhardness Measurement to Determine Phase Fractions. Materials Science Forum, 0, 1016, 1153-1158.	0.3	2