

# Rd Morales

## List of Publications by Year in descending order

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15  
papers

317  
citations

933447

10  
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996975

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15  
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15  
docs citations

15  
times ranked

202  
citing authors

#	ARTICLE	IF	CITATIONS
1	Melt flow optimisation using turbulence inhibitors in large volume tundishes. Ironmaking and Steelmaking, 2001, 28, 101-109.	2.1	37
2	Kinetic Model of Steel Refining in a Ladle Furnace. Steel Research International, 2007, 78, 141-150.	1.8	34
3	Simulation of Fluid and Inclusions Dynamics during Filtration Operations of Ductile Iron Melts Using Foam Filters. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2008, 39, 818-839.	2.1	34
4	Effect of a swirling ladle shroud on fluid flow and mass transfer in a water model of a tundish. International Journal of Heat and Mass Transfer, 2005, 48, 3574-3590.	4.8	29
5	Cyclic Turbulent Instabilities in a Thin Slab Mold. Part I: Physical Model. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2010, 41, 583-597.	2.1	29
6	Heat and mass transfer of a convective-stratified flow in a trough type tundish. International Journal of Heat and Mass Transfer, 2003, 46, 3029-3039.	4.8	28
7	Modelling Study of Inclusions Removal by Bubble Flotation in the Tundish. Steel Research International, 2006, 77, 325-335.	1.8	26
8	Pressure leaching of a lead-zinc-silver concentrate with nitric acid at moderate temperatures between 130 and 170°C. Hydrometallurgy, 2010, 104, 8-13.	4.3	26
9	Aqueous oxidation of galena and pyrite with nitric acid at moderate temperatures. Hydrometallurgy, 2012, 115-116, 57-63.	4.3	25
10	Cyclic Turbulent Instabilities in a Thin Slab Mold. Part II: Mathematical Model. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2010, 41, 675-690.	2.1	21
11	Dissipation of Turbulent Kinetic Energy in a Tundish by Inhibitors with Different Designs. Steel Research International, 2007, 78, 318-326.	1.8	8
12	Oscillating Jet Flows in a Thin Slab Mold and their Influence on Meniscus Stability. Steel Research International, 2008, 79, 553-563.	1.8	7
13	DYNAMICS OF UNSTEADY ONE-PHASE TURBULENT FLOWS IN A CONTINUOUS CASTING MOULD. Canadian Metallurgical Quarterly, 2004, 43, 329-338.	1.2	6
14	THERMAL STRATIFICATION OF STEEL FLOW IN TUNDISHES WITH OFF-CENTRED LADLE SHROUDS USING DIFFERENT FLOW CONTROL DESIGNS. Canadian Metallurgical Quarterly, 2003, 42, 455-464.	1.2	5
15	Effects of Mold Powder Chemistry on Shell Growth, Momentum and Heat Transfer in a Billet Mold. Steel Research International, 2011, 82, 301-312.	1.8	2