

Zhuo Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Influence Analysis of Air Flow Momentum on Concentrate Dispersion and Combustion in Copper Flash Smelting Furnace by CFD Simulation. <i>Jom</i> , 2014, 66, 1629-1637.	1.9	16
2	Thermodynamic Modeling and Optimization of the Copper Flash Converting Process Using the Equilibrium Constant Method. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2018, 49, 1794-1807.	2.1	9
3	Effect of Cooling Rate and Slag Modification on the Copper Matte in Smelting Slag. <i>Mining, Metallurgy and Exploration</i> , 2020, 37, 1593-1601.	0.8	7
4	Intermetallic Growth Induced Large-Scale Void Growth and Cracking Failure in Line-Type Cu/Solder/Cu Joints Under Current Stressing. <i>Journal of Electronic Materials</i> , 2018, 47, 2499-2506.	2.2	6
5	Mass transfer process in replacement-column purification device in zinc hydrometallurgy. <i>Transactions of Nonferrous Metals Society of China</i> , 2014, 24, 2660-2664.	4.2	3
6	A RQPSO Algorithm for Multiphase Equilibrium Calculation in the KIVCET Process. <i>Jom</i> , 2018, 70, 2893-2899.	1.9	3
7	Online monitoring and assessment of energy efficiency for copper smelting process. <i>Journal of Central South University</i> , 2019, 26, 2149-2159.	3.0	2
8	Failure analysis on the mechanical property of Through-Silicon Vias interface using a cohesive zone model. , 2016, , .		1
9	Numerical Simulation on Combustion Process and Optimization of Structure for the Reclaimed Copper Reverberatory Furnace. , 2012, , .		0
10	Parallel Computation Efficiency Analysis of Numerical Simulation of Copper Flash Smelting Furnace. , 2013, , .		0
11	CFD study of flow-diffusion process in Y-shape micromixer. <i>Journal of Central South University</i> , 2016, 23, 969-974.	3.0	0
12	Sintering Of Hybrid Nano Sliver Paste Achieve Cone-Structured Cu Bonding in die attachment. , 2018, , .		0