

# Ping Zhou

## List of Publications by Year in descending order

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36  
papers

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citations

932766

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1058022

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36  
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36  
docs citations

36  
times ranked

242  
citing authors

#	ARTICLE	IF	CITATIONS
1	A mathematical approach to submerged horizontal buoyant jet trajectory and a criterion for jet flow patterns. <i>Experimental Thermal and Fluid Science</i> , 2018, 92, 409-419.	1.5	21
2	Evaluation of Burden Descent Model for Burden Distribution in Blast Furnace. <i>Journal of Iron and Steel Research International</i> , 2016, 23, 765-771.	1.4	20
3	Application of hilbert-huang transform to denoising in vortex flowmeter. <i>Central South University</i> , 2006, 13, 501-505.	0.5	17
4	Dimensional analysis and experimental study of gas penetration depth model for submerged side-blown equipment. <i>Experimental Thermal and Fluid Science</i> , 2016, 75, 220-227.	1.5	17
5	Effects of occlusion modification on the remodelling of degenerative mandibular condylar processes. <i>Oral Diseases</i> , 2020, 26, 597-608.	1.5	15
6	Modeling the solar absorption performance of Copper@Carbon core-shell nanoparticles. <i>Journal of Materials Science</i> , 2021, 56, 13659-13672.	1.7	15
7	Numerical simulation of flow characteristics in settler of flash furnace. <i>Transactions of Nonferrous Metals Society of China</i> , 2012, 22, 1517-1525.	1.7	14
8	Fuzzy grey relational analysis for influencing factors of heat transfer in a blast furnace hearth. <i>Ironmaking and Steelmaking</i> , 2018, 45, 899-906.	1.1	13
9	Parameter fitting of constitutive model and FEM analysis of solder joint thermal cycle reliability for lead-free solder Sn-3.5Ag. <i>Central South University</i> , 2009, 16, 339-343.	0.5	10
10	A viewpoint on the dynamics of bubble formation from a submerged nozzle. <i>European Journal of Mechanics, B/Fluids</i> , 2019, 78, 276-283.	1.2	10
11	Optimization of operating conditions and structure parameters of zinc electrolytic cell based on numerical simulation for electrolyte flow. <i>Transactions of Nonferrous Metals Society of China</i> , 2014, 24, 1604-1609.	1.7	9
12	Grey correlation analysis of factors influencing maldistribution in feeding device of copper flash smelting. <i>Journal of Central South University</i> , 2012, 19, 1938-1945.	1.2	8
13	CFD modelling and optimization of oxygen supply mode in KIVCET smelting process. <i>Transactions of Nonferrous Metals Society of China</i> , 2019, 29, 1560-1568.	1.7	8
14	Transparent Display by the Scattering Effect of Plasmonic Au-Ag Nanoparticles. <i>Plasmonics</i> , 2020, 15, 1855-1861.	1.8	8
15	Simulation of the influence of the baffle on flowing field in the anode baking ring furnace. <i>Central South University</i> , 2002, 9, 208-211.	0.5	6
16	Molecular Dynamics Simulation of Carbon Effect on the Thermal Physical Properties of the Molten Iron. <i>ISIJ International</i> , 2019, 59, 221-226.	0.6	6
17	CFD model evaluation in mixed convection with high Richardson number. <i>International Journal of Heat and Mass Transfer</i> , 2020, 149, 119133.	2.5	6
18	Study of the heat transfer coefficient of a nickel-based superalloy in the end-quench test with air. <i>International Journal of Thermal Sciences</i> , 2020, 155, 106416.	2.6	6

#	ARTICLE	IF	CITATIONS
19	Failure analysis of the water-wall tube in KIVCET waste heat boiler. <i>Engineering Failure Analysis</i> , 2021, 121, 105155.	1.8	5
20	Soft-sensing method of cohesive zone shape and position in blast furnace shaft. <i>IFAC-PapersOnLine</i> , 2018, 51, 48-52.	0.5	4
21	Experimental and CFD investigations on cooling process of end-quench test. <i>Transactions of Nonferrous Metals Society of China</i> , 2019, 29, 2440-2446.	1.7	4
22	Prediction of the cohesive zone in a blast furnace by integrating CFD and SVM modelling. <i>Ironmaking and Steelmaking</i> , 2021, 48, 284-291.	1.1	4
23	Optimized Design of Multi-layer Nano-photonic Structures for Selective Absorption Applications by Artificial Neural Networks. <i>Plasmonics</i> , 2021, 16, 653-659.	1.8	4
24	Stability analysis of discrete population balance model for bubble growth and shrinkage. <i>International Journal for Numerical Methods in Fluids</i> , 2021, 93, 3338-3363.	0.9	4
25	Mass transfer process in replacement-column purification device in zinc hydrometallurgy. <i>Transactions of Nonferrous Metals Society of China</i> , 2014, 24, 2660-2664.	1.7	3
26	A RQPSO Algorithm for Multiphase Equilibrium Calculation in the KIVCET Process. <i>Jom</i> , 2018, 70, 2893-2899.	0.9	3
27	Effects of single lance configuration on coal combustion process in tuyere from viewpoint of coal plume. <i>Journal of Iron and Steel Research International</i> , 2021, 28, 785-798.	1.4	3
28	Two-stage numerical simulation for temperature profile in furnace of tangentially fired pulverized coal boiler. <i>Central South University</i> , 2005, 12, 97-101.	0.5	2
29	The Effect of Temperature on Low Cycle Fatigue of an Eutectic Solder. , 2006, , .		2
30	Effect of electromagnetic force on turbulent flow of molten metal in aluminum electrolysis cells. <i>Central South University</i> , 2004, 11, 265-269.	0.5	1
31	Analysis of disagreement between numerically predicted and experimental heat transfer data of impinging jet. <i>Central South University</i> , 2006, 13, 486-490.	0.5	1
32	Evaluation of flow behavior in copper electro-refining cell with different inlet arrangements. <i>Transactions of Nonferrous Metals Society of China</i> , 2017, 27, 2282-2290.	1.7	1
33	Numerical study on pulverized coal combustion in a raceway from the viewpoint of coal plume. <i>Energy Procedia</i> , 2019, 158, 5517-5522.	1.8	1
34	Splitting Physical Exergy by Its Feasible Working Ways. <i>Processes</i> , 2021, 9, 2091.	1.3	1
35	Calculation of phase transformation latent heat based on cooling curves in end-quench test and its application in nickel-based superalloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2022, 32, 1718-1727.	1.7	1
36	Numerical Simulation on Combustion Process and Optimization of Structure for the Reclaimed Copper Reverberatory Furnace. , 2012, , .		0