

Linmin Li

List of Publications by Year in descending order

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papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Large eddy simulation of cavitating flow around a twist hydrofoil and investigation on force element evolution using a multiscale cavitation model. <i>Physics of Fluids</i> , 2022, 34, .	1.6	6
2	Numerical simulation of cavitating flow around a twist hydrofoil focusing on the erosion behaviour. <i>Journal of Physics: Conference Series</i> , 2022, 2217, 012011.	0.3	0
3	Investigation of wake characteristics of the MEXICO wind turbine using lattice Boltzmann method. <i>Wind Energy</i> , 2021, 24, 116-132.	1.9	7
4	Multiscale modeling of tip-leakage cavitating flows by a combined volume of fluid and discrete bubble model. <i>Physics of Fluids</i> , 2021, 33, .	1.6	36
5	Numerical analysis of thermo-sensitive cavitating flows with special emphasises on flow separation and enstrophy conversion. <i>International Communications in Heat and Mass Transfer</i> , 2021, 125, 105336.	2.9	14
6	Large eddy simulation of tip-leakage cavitating flow using a multiscale cavitation model and investigation on model parameters. <i>Physics of Fluids</i> , 2021, 33, .	1.6	16
7	Numerical modeling of multiphase flow in gas stirred ladles: From a multiscale point of view. <i>Powder Technology</i> , 2020, 373, 14-25.	2.1	29
8	Ventilation in pumped storage power stations: Influence of dehumidifiers in an underground tunnel. <i>Applied Thermal Engineering</i> , 2020, 172, 115162.	3.0	8
9	Numerical investigation of unsteady cloud cavitating flow around the Clark-Y hydrofoil with adaptive mesh refinement using OpenFOAM. <i>Ocean Engineering</i> , 2020, 206, 107349.	1.9	38
10	Comment on "Numerical study on pore clogging mechanism in pervious pavements". <i>Journal of Hydrology</i> , 2019, 578, 124049.	2.3	1
11	Multiscale Simulation of Bubble Behavior in Aluminum Reduction Cell Using a Combined Discrete-Bubble-Model "Volume-of-Fluid" Magnetohydrodynamical Method. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 3407-3419.	1.8	10
12	Monin "Obukhov Similarity Theory for Modeling of Wind Turbine Wakes under Atmospheric Stable Conditions: Breakdown and Modifications. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4256.	1.3	3
13	Implementation and validation of a volume-of-fluid and discrete-element-method combined solver in OpenFOAM. <i>Particuology</i> , 2018, 39, 109-115.	2.0	34
14	Effect of Steel Multi-collector Bars on Current Density and Magnetohydrodynamic Stability in an Aluminum Reduction Cell. <i>Minerals, Metals and Materials Series</i> , 2018, , 565-572.	0.3	2
15	Multiscale Mathematical Model with Discrete "Continuum Transition for Gas "Liquid "Slag Three-Phase Flow in Gas-Stirred Ladles. <i>Jom</i> , 2018, 70, 2900-2908.	0.9	16
16	Evaluation of the Power-Law Wind-Speed Extrapolation Method with Atmospheric Stability Classification Methods for Flows over Different Terrain Types. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 1429.	1.3	12
17	Simulation of different gas "solid flow regimes using a drag law derived from lattice Boltzmann simulations. <i>Journal of Computational Multiphase Flows</i> , 2018, 10, 202-214.	0.8	1
18	A Multi-scale Mathematical Model of Growth and Coalescence of Bubbles Beneath the Anode in an Aluminum Reduction Cell. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2018, 49, 2821-2834.	1.0	13

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19	Numerical Modeling of Fluid Flow, Heat Transfer and Arc-Melt Interaction in Tungsten Inert Gas Welding. <i>High Temperature Materials and Processes</i> , 2017, 36, 427-439.	0.6	11
20	Effect of Slotted Anode on Gas Bubble Behaviors in Aluminum Reduction Cell. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2017, 48, 3161-3173.	1.0	10
21	Modeling of spout-fluidized beds and investigation of drag closures using OpenFOAM. <i>Powder Technology</i> , 2017, 305, 364-376.	2.1	55
22	Modeling of Gas-Steel-Slag Three-Phase Flow in Ladle Metallurgy: Part II. Multi-scale Mathematical Model. <i>ISIJ International</i> , 2017, 57, 1980-1989.	0.6	44
23	Large eddy simulation of unsteady shedding behavior in cavitating flows with time-average validation. <i>Ocean Engineering</i> , 2016, 125, 1-11.	1.9	19
24	Large Eddy Simulation of Transient Flow and Inclusions Transport in Continuous Casting Mold under Different Electromagnetic Brakes. <i>Jom</i> , 2016, 68, 2180-2190.	0.9	33
25	Investigation of Bubble-Slag Layer Behaviors with Hybrid Eulerian-Lagrangian Modeling and Large Eddy Simulation. <i>Jom</i> , 2016, 68, 2160-2169.	0.9	38
26	Eulerian two-phase modeling of cavitation for high-speed UUV using different turbulence models. , 2015, , .		4
27	Water Model and CFD-PBM Coupled Model of Gas-Liquid-Slag Three-Phase Flow in Ladle Metallurgy. <i>ISIJ International</i> , 2015, 55, 1337-1346.	0.6	63
28	Modelling of bubble aggregation, breakage and transport in slab continuous casting mold. <i>Journal of Iron and Steel Research International</i> , 2015, 22, 30-35.	1.4	11
29	Large Eddy Simulation of Bubbly Flow and Slag Layer Behavior in Ladle with Discrete Phase Model (DPM)-Volume of Fluid (VOF) Coupled Model. <i>Jom</i> , 2015, 67, 1459-1467.	0.9	49
30	Population Balance Modeling of Polydispersed Bubbly Flow in Continuous-Casting Using Multiple-Size-Group Approach. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2015, 46, 406-420.	1.0	55
31	Large Eddy Simulation of Transient Flow, Solidification, and Particle Transport Processes in Continuous-Casting Mold. <i>Jom</i> , 2014, 66, 1184-1196.	0.9	41