

Advances in characteristics analysis, measurement methods and modelling of flow dynamics in airlift reactors

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CFD simulation of bubbly flow in a long coaxial heat exchanger

Akhmadullin, Ildar; **Kartušinski, Aleksander** Thermal Science and Engineering Progress 2021 / art. 100991, 11 p <https://doi.org/10.1016/j.tsep.2021.100991> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determination of the corresponding roughness height in a WDS model containing old rough pipes

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Hydraulic modelling challenges of river-basin restoration channels in some Estonian rivers

Laanearu, Janek 10th International Symposium on Environmental Hydraulics 2024 : book of abstracts 2024 / 2 p

Increasing of power characteristics of mini UAV helicopter by changing of its geometrical parameters

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Integrating drone-captured sub-catchment topography with multiphase CFD modelling to enhance urban stormwater management

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Multi-objective optimization of a plate heat exchanger thermal energy storage with phase change material

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Numerical study of gas-liquid flow morphology in a vertical flowmeter nozzle

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An open 3D CFD model for the investigation of flow environments experienced by freshwater fish

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Optimal gap distance between rotors of mini quadrotor helicopter

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Optimization of lift force of mini quadrotor helicopter by changing of gap size between rotors

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Performance prediction of a Hard-Chine Planing Hull by employing different CFD models

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A revisited verification and validation analysis for URANS simulation of planing hulls in calm water

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Scrutiny of MT-SOFC stack manifold design using CFD

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Stability study of the stratified flow in the trapezoidal-shape channel with presence of background vorticity

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Three-dimensional CFD analysis of liquid slug acceleration and impact in a voided pipeline with end orifice

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