

**Air pocket dynamics under bridging of stratified flow during rapid filling of a horizontal pipe**

Kaur, Katrin; Laanearu, Janek; Annus, Ivar Journal of hydraulic engineering 2023 / art. 04022030, 11 p. : ill

[https://doi.org/10.1061/\(ASCE\)HY.1943-7900.0002021](https://doi.org/10.1061/(ASCE)HY.1943-7900.0002021)

**CFD analyses on the water entry process of a freefall lifeboat**

Huang, Luofeng; Tavakoli, Sasan; Li, Minghao; Dolatshah, Azam; Pena, Blanca; Ding, Boyin; Dashtimanesh, Abbas Ocean engineering 2021 / art. 109115, 11 p. : ill <https://doi.org/10.1016/j.oceaneng.2021.109115> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**CFD comparison of the influence of casting of samples on the fiber orientation distribution**

Goidyk, Oksana; Heinštein, Mark; Herrmann, Heiko Fibers 2023 / art. 6 <https://doi.org/10.3390/fib11010006>

**Dynamic of a planing hull in regular waves: Comparison of experimental, numerical and mathematical methods**

Tavakoli, Sasan; Bilandi, Rasul Niazmand; Mancini, Simone; De Luca, Fabio; Dashtimanesh, Abbas Ocean engineering 2020 / art. 107959, 24 p. : ill <https://doi.org/10.1016/j.oceaneng.2020.107959> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Efficiency optimization of mini unmanned multicopter**

Penkov, Igor; Aleksandrov, Dmitri International review of aerospace engineering 2017 / p. 277-281 : ill

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**Numerical investigation of the impact of irregular pipe wall build-up on velocity in the water distribution system**

Kaur, Katrin; Vassiljev, Anatoli; Annus, Ivar; Kändler, Nils; Roosimägi, Janet Journal of Water Supply: Research and Technology - AQUA 2020 / p. 647–655 <https://doi.org/10.2166/aqua.2020.035>

**Towards benchmark cases for computational fluid dynamics for casting of fiber concrete**

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