

Analyzing the emptying process of a large-scale pipeline with three-dimensional CFD simulations

Chen, Xifeng; Hou, Qingzhi; **Tijsseling, Arris S.**; **Laanearu, Janek**; Khu, Soon Thiam Journal of hydraulic engineering 2025 / art. 04025036 <https://doi.org/10.1061/JHEND8.HYENG-14153>

Comparative study of experimental and CFD results for stepped planing hulls

Niazmand Bilandi, Rasul; Dashtimanesh, Abbas; Mancini, Simone; Vitiello, Luigi Ocean engineering 2023 / art. 114887 <https://doi.org/10.1016/j.oceaneng.2023.114887> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dynamic motion analysis of stepless and stepped planing hulls in random waves: a CFD model perspective

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Dynamic of tunneled planing hulls in waves

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Three-dimensional finite element modelling of chemical environment in droplet-based microfluidic systems for drug therapy applications

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