# Green Journals

International Approved Journals

## Journal Information

| | |
|---|---|
| **Journal Title** | Journal of Hydrodynamics |
| **Publisher** | Springer |
| **ISSN** | 1001-6058 |
| **E-ISSN** | 1878-0342 |
| **Database** | SCOPUS |
| **Domain** | Life Sciences, Physical Sciences |

## Classification History

| Year | A+ | A | B | C |
|---|---|---|---|---|
| **2026** | | ✓ | ✓ | |
| **2025** | | ✓ | ✓ | |
| **2024** | | ✓ | ✓ | |
| **2023** | | ✓ | ✓ | |
| **2021/2022** | | ✓ | ✓ | |
| **2020** | | ✓ | ✓ | |
| **2019** | | ✓ | ✓ | |
| **2018** | | ✓ | | |

**Classification:** The table above shows all journal classifications recorded for each classification year in the Green Journals database. A journal may have more than one classification in the same year.

## Recent Articles

**Characterization of the effect of roof-assisted fluid injection on a Francis turbine**
2026-10-30
Authors: Ya-ping Zhao, Lu-jie Lei, Chen Zhao et al.
DOI: 10.1007/s42241-026-0087-9

**Spatial distribution of turbulent kinetic energy in a partially vegetated channel: Theory, prediction and application**
2026-10-30
Authors: Yu-pu Zhang, Zi-qin Gui, Hong-sheng Fu et al.
DOI: 10.1007/s42241-026-0085-y

**Identification of instantaneous damping moment and hydrodynamic added inertia of ship roll motion**
2026-10-30
Authors: Dong Zhang, Wen-tao Wang, Chun-rong He et al.
DOI: 10.1007/s42241-026-0086-x

**Flow velocity preference and upstream route selection by Schizothorax prenanti in a V-shaped multi-slot fishway**
2026-10-30
Authors: Ya-kun Liu, Yi-qing Zhang, Di Zhang
DOI: 10.1007/s42241-026-0084-z

**Tuned jet improves flow uniformity at the main vehicle’s propeller plane in a side-by-side configuration**
2026-10-23
Authors: Zhuo-yu Xie, Yi Liu, Shi-zhao Wang
DOI: 10.1007/s42241-026-0080-3

**Investigation on cavitating flow and energy performance of mixed-flow pump with varied tip clearances**
2026-10-23
Authors: Jin-peng Wang, Xing-qi Luo, Jian-jun Feng et al.
DOI: 10.1007/s42241-026-0082-1

**The energy dissipation cascade in a pump-as-turbine: A quantitative Liutex-entropy analysis**
2026-10-23
Authors: Peng-qi Shu, Tao Wang, Qing Guo et al.
DOI: 10.1007/s42241-026-0081-2

**Cavitation-development analysis and experimental test of hydrodynamic-levitated micropump under non-uniform inflow condition**
2026-10-23
Authors: Jia-cheng Han, Song Xue, Huai-yu Zuo et al.
DOI: 10.1007/s42241-026-0078-x

**Enhanced numerical model for bedload transport around submerged structures with immersed boundary method**
2026-10-23
Authors: Shan Wang, Wen-long Zhao, Jian Zhang et al.
DOI: 10.1007/s42241-026-0083-0

**A two-dimensional shallow water model based on multi-GPU parallel computing**
2026-10-23
Authors: Bo-hang Yin, Lie-kai Cao, Shang-hong Zhang et al.
DOI: 10.1007/s42241-026-0079-9