# Huiyu Wu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/19273/publications.pdf

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| | | 759233 | 839539 |
|---|---|---|---|
| 26 | 357 | 12 | 18 |
| papers | citations | h-index | g-index |

| | | | |
|---|---|---|---|
| 26 | 26 | 26 | 121 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Practical evaluation of flows due to arbitrary singularity distributions in the 3D theory of ship motions in regular waves at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1855" altimg="si17.svg"><mml:mrow><mml:mn>0</mml:mn><mml:mo>.</mml:mo><mml:mn>3</mml:mn><mml:mo linebreak="goodbreak" linebreakstyle="after">â‰</mml:mo><mml:mi>Ï„</mml:mi></mml:mrow></mml:math>. European Journal of | 2.5 | 10 |
| 2 | Diffractionâ€“radiation of regular water waves and irregular frequencies: A straightforward flow-modeling approach and analysis. European Journal of Mechanics, B/Fluids, 2021, 90, 7-14. | 2.5 | 7 |
| 3 | Boundary-integral representation sans waterline integral for flows around ships steadily advancing in calm water. European Journal of Mechanics, B/Fluids, 2021, 89, 259-266. | 2.5 | 7 |
| 4 | Practical representation of flows due to general singularity distributions for wave diffractionâ€“radiation by offshore structures in finite water depth. European Journal of Mechanics, B/Fluids, 2021, 89, 1-14. | 2.5 | 10 |
| 5 | Kelvinâ€“Havelockâ€“Peters approximations to a classical generic wave integral. Applied Mathematical Modelling, 2020, 77, 950-962. | 4.2 | 2 |
| 6 | Why can steep short waves occur at a ship waterline and how to filter them in a practical way?. European Journal of Mechanics, B/Fluids, 2020, 83, 164-174. | 2.5 | 6 |
| 7 | Practical evaluation of flows due to arbitrary singularity distributions in the 3D theory of ship motions in regular waves at<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1372" altimg="si13.svg"><mml:mrow><mml:mi>Ï„</mml:mi><mml:mo linebreak="goodbreak" linebreakstyle="after"><</mml:mo><mml:mn>1</mml:mn><mml:mo>â‰•</mml:mo><mml:mn>4</mml:mn></mml:mrow></mml:math> | 2.5 | 10 |
| 8 | European Journal of Mechanics, B/Fluids, 2020, 83, 213-225. Practical flow-representations for arbitrary singularity-distributions in ship and offshore hydrodynamics, with applications to steady ship waves and wave diffraction-radiation by offshore structures. European Journal of Mechanics, B/Fluids, 2020, 83, 24-41. | 2.5 | 13 |
| 9 | Froude number, hull shape, and convergence of integral representation of ship waves. European Journal of Mechanics, B/Fluids, 2019, 78, 216-229. | 2.5 | 14 |
| 10 | Boundary-integral representations for ship motions in regular waves. Journal of Engineering Mathematics, 2019, 114, 115-129. | 1.2 | 11 |
| 11 | Wave profile along a ship hull, short farfield waves, and broad inner Kelvin wake sans divergent waves. Physics of Fluids, 2019, 31, . | 4.0 | 15 |
| 12 | Influence of Froude number and submergence depth on wave patterns. European Journal of Mechanics, B/Fluids, 2019, 75, 258-270. | 2.5 | 16 |
| 13 | Hogner model of wave interferences for farfield ship waves in shallow water. Applied Ocean Research, 2018, 73, 127-140. | 4.1 | 11 |
| 14 | The Kelvinâ€“Havelockâ€“Peters farfield approximation to ship waves. European Journal of Mechanics, B/Fluids, 2018, 70, 93-101. | 2.5 | 7 |
| 15 | Validation of a global approximation for wave diffraction-radiation in deep water. Applied Ocean Research, 2018, 74, 80-86. | 4.1 | 22 |
| 16 | Elementary ship models and farfield waves. European Journal of Mechanics, B/Fluids, 2018, 67, 231-241. | 2.5 | 12 |
| 17 | Wave component in the Green function for diffraction radiation of regular water waves. Applied Ocean Research, 2018, 81, 72-75. | 4.1 | 17 |
| 18 | Basic models of farfield ship waves in shallow water. Journal of Ocean Engineering and Science, 2018, 3, 109-126. | 4.3 | 8 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Neumannâ€“Michell theory of short ship waves. European Journal of Mechanics, B/Fluids, 2018, 72, 601-615. | 2.5 | 11 |
| 20 | A global approximation to the Green function for diffraction radiation of water waves. European Journal of Mechanics, B/Fluids, 2017, 65, 54-64. | 2.5 | 32 |
| 21 | Michell and Hogner models of far-field ship waves. Applied Ocean Research, 2017, 68, 194-203. | 4.1 | 20 |
| 22 | Errors due to a practical Green function for steady ship waves. European Journal of Mechanics, B/Fluids, 2016, 55, 162-169. | 2.5 | 20 |
| 23 | Farfield waves created by a catamaran in shallow water. European Journal of Mechanics, B/Fluids, 2016, 59, 197-204. | 2.5 | 9 |
| 24 | Wavelengths of the highest waves created by fast monohull ships or catamarans. Ocean Engineering, 2016, 113, 208-214. | 4.3 | 12 |
| 25 | Farfield waves created by a monohull ship in shallow water. European Journal of Mechanics, B/Fluids, 2015, 49, 226-234. | 2.5 | 28 |
| 26 | Comparison of three simple models of Kelvinâ€™s ship wake. European Journal of Mechanics, B/Fluids, 2015, 49, 12-19. | 2.5 | 27 |