

Girish Kumar Rajan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3278490/publications.pdf>

Version: 2024-02-01

9
papers

111
citations

1163117
8
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

53
citing authors

#	ARTICLE	IF	CITATIONS
1	Linear waves at a surfactant-contaminated interface separating two fluids: Dispersion and dissipation of capillary-gravity waves. <i>Physics of Fluids</i> , 2018, 30, 072104.	4.0	19
2	A three-fluid model for the dissipation of interfacial capillary-gravity waves. <i>Physics of Fluids</i> , 2020, 32, .	4.0	19
3	Computational and Theoretical Analyses of the Precessing Vortex Rope in a Simplified Draft Tube of a Scaled Model of a Francis Turbine. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2017, 139, .	1.5	14
4	Damping rate measurements and predictions for gravity waves in an air-water system. <i>Physics of Fluids</i> , 2022, 34, .	4.0	13
5	Dissipation of interfacial Marangoni waves and their resonance with capillary-gravity waves. <i>International Journal of Engineering Science</i> , 2020, 154, 103340.	5.0	11
6	Solutions of a comprehensive dispersion relation for waves at the elastic interface of two viscous fluids. <i>European Journal of Mechanics, B/Fluids</i> , 2021, 89, 241-258.	2.5	10
7	Periodic envelopes of waves over non-uniform depth. <i>Physics of Fluids</i> , 2016, 28, 042106.	4.0	9
8	The Linear Stability of a Wavetrain Propagating on Water of Variable Depth. <i>SIAM Journal on Applied Mathematics</i> , 2016, 76, 2030-2041.	1.8	9
9	Dissipation of Narrow-Banded Surface Water Waves. <i>Fields Institute Communications</i> , 2015, , 163-183.	1.3	7