

Giulio Dolcetti

List of Publications by Year in descending order

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11
papers

96
citations

1478505

6
h-index

1474206

9
g-index

11
all docs

11
docs citations

11
times ranked

53
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency-wavenumber spectrum of the free surface of shallow turbulent flows over a rough boundary. <i>Physics of Fluids</i> , 2016, 28, .	4.0	34
2	Free-surface behaviour of shallow turbulent flows. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2021, 59, 1-20.	1.7	18
3	Wavelet spectral analysis of the free surface of turbulent flows. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2019, 57, 211-226.	1.7	13
4	Acoustic imaging in application to reconstruction of rough rigid surface with airborne ultrasound waves. <i>Review of Scientific Instruments</i> , 2017, 88, 024901.	1.3	9
5	Doppler spectra of airborne sound backscattered by the free surface of a shallow turbulent water flow. <i>Journal of the Acoustical Society of America</i> , 2017, 142, 3387-3401.	1.1	7
6	Doppler spectra of airborne ultrasound forward scattered by the rough surface of open channel turbulent water flows. <i>Journal of the Acoustical Society of America</i> , 2017, 142, 3122-3134.	1.1	6
7	Robust reconstruction of scattering surfaces using a linear microphone array. <i>Journal of Sound and Vibration</i> , 2021, 494, 115902.	3.9	6
8	Wavelet spectral analysis of the free surface of turbulent flows by Giulio Dolcetti and Hector Garc�a Nava. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2019, 57, 604-606.	1.7	2
9	3D SPH Simulation of Dynamic Water Surface and Its Interaction with Underlying Flow Structure for Turbulent Open Channel Flows Over Rough Beds. <i>International Journal of Ocean and Coastal Engineering</i> , 2018, 01, 1840003.	1.2	1
10	An Acoustic Technique to Measure the Velocity of Shallow Turbulent Flows Remotely. <i>GeoPlanet: Earth and Planetary Sciences</i> , 2018, , 181-194.	0.2	0
11	A Lagrangian drifter for surveys of water surface roughness in streams By CHRISTIAN NOSS, KAAN KOCA, PEGGY ZINKE, PIERRE-YVES HENRY, CHRISTY USHANTH NAVARATNAM, JOCHEN ABERLE and ANDREAS LORKE, J. <i>Hydraulic Res.</i> 58(3), 471-488. https://doi.org/10.1080/00221686.2019.1623930 . <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2021, 59, 176-178.	1.7	0