

Dan Liberzon

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

508
citations

759055

12
h-index

677027

22
g-index

33
all docs

33
docs citations

33
times ranked

502
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Next generation combined sonic-hotfilm anemometer: wind alignment and automated calibration procedure using deep learning. <i>Experiments in Fluids</i> , 2022, 63, 1. | 1.1 | 4 |
| 2 | Wave breaking probabilities under wind forcing in open sea and laboratory. <i>Physics of Fluids</i> , 2022, 34, 032122. | 1.6 | 3 |
| 3 | Pressure oscillations due to a sudden, finite-volume, underwater air release. <i>International Journal of Multiphase Flow</i> , 2022, 152, 104064. | 1.6 | 0 |
| 4 | Acoustic-driven droplet evaporation: beyond the role of droplet-gas relative velocity. <i>International Journal of Heat and Mass Transfer</i> , 2021, 171, 121071. | 2.5 | 2 |
| 5 | Wave Height Distributions and Rogue Waves in the Eastern Mediterranean. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 660. | 1.2 | 5 |
| 6 | Quasi-geostrophic jet-like flow with obstructions. <i>Journal of Fluid Mechanics</i> , 2021, 921, . | 1.4 | 3 |
| 7 | Turbulent jet through porous obstructions under Coriolis effect: an experimental investigation. <i>Experiments in Fluids</i> , 2021, 62, 1. | 1.1 | 2 |
| 8 | Statistics of fetch-limited wind waves observed along the western coast of the Gulf of Aqaba. <i>Ocean Engineering</i> , 2021, 242, 110179. | 1.9 | 3 |
| 9 | Obtaining turbulence statistics of thermally driven anabatic flow by sonic-hot-film combo anemometer. <i>Environmental Fluid Mechanics</i> , 2020, 20, 1221-1249. | 0.7 | 5 |
| 10 | Enhancement of water droplet evaporation rate by application of low frequency acoustic field. <i>International Journal of Multiphase Flow</i> , 2020, 126, 103217. | 1.6 | 10 |
| 11 | Automated identification and characterization method of turbulent bursting from single-point records of the velocity field. <i>Measurement Science and Technology</i> , 2020, 31, 105801. | 1.4 | 2 |
| 12 | Detection of Breaking Waves in Single Wave Gauge Records of Surface Elevation Fluctuations. <i>Journal of Atmospheric and Oceanic Technology</i> , 2019, 36, 1863-1879. | 0.5 | 6 |
| 13 | Effect of near-surface wind speed and gustiness on horizontal and vertical porous medium gas transport and gas exchange with the atmosphere. <i>European Journal of Soil Science</i> , 2018, 69, 279-289. | 1.8 | 16 |
| 14 | Separation of Upslope Flow over a Plateau. <i>Atmosphere</i> , 2018, 9, 165. | 1.0 | 5 |
| 15 | Data Set of Wind-Waves Interactions in the Gulf of Aqaba. <i>International Journal of Ocean and Coastal Engineering</i> , 2018, 01, 1850003. | 0.3 | 2 |
| 16 | Lagrangian Kinematic Criterion for the Breaking of Shoaling Waves. <i>Journal of Physical Oceanography</i> , 2017, 47, 827-833. | 0.7 | 13 |
| 17 | Fine-scale turbulent bursts in stable atmospheric boundary layer in complex terrain. <i>Journal of Fluid Mechanics</i> , 2017, 833, 745-772. | 1.4 | 18 |
| 18 | Adsorption-Mediated Mass Streaming in a Standing Acoustic Wave. <i>Physical Review Letters</i> , 2017, 118, 244301. | 2.9 | 16 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Effects of Wind Speed and Wind Gustiness on Subsurface Gas Transport. Vadose Zone Journal, 2017, 16, 1-10. | 1.3 | 13 |
| 20 | 3D-calibration of three- and four-sensor hot-film probes based on collocated sonic using neural networks. Measurement Science and Technology, 2016, 27, 095901. | 1.4 | 9 |
| 21 | Separation of upslope flow over a uniform slope. Journal of Fluid Mechanics, 2015, 775, 266-287. | 1.4 | 22 |
| 22 | The MATERHORN: Unraveling the Intricacies of Mountain Weather. Bulletin of the American Meteorological Society, 2015, 96, 1945-1967. | 1.7 | 145 |
| 23 | Study of in situ calibration performance of co-located multi-sensor hot-film and sonic anemometers using a "virtual probe"™ algorithm. Measurement Science and Technology, 2014, 25, 075801. | 1.4 | 10 |
| 24 | Lagrangian kinematics of steep waves up to the inception of a spilling breaker. Physics of Fluids, 2014, 26, . | 1.6 | 24 |
| 25 | Pressure Distribution in Confined Jet Flow. Journal of Fluids Engineering, Transactions of the ASME, 2014, 136, . | 0.8 | 3 |
| 26 | Statistical Analysis of the Spatial Evolution of the Stationary Wind Wave Field. Journal of Physical Oceanography, 2013, 43, 65-79. | 0.7 | 29 |
| 27 | Experimental study of the initial stages of wind waves' spatial evolution. Journal of Fluid Mechanics, 2011, 681, 462-498. | 1.4 | 43 |
| 28 | Tsunami wave suppression using submarine barriers. Physics-Usppekhi, 2010, 53, 809-816. | 0.8 | 9 |
| 29 | An Inexpensive Method for Measurements of Static Pressure Fluctuations. Journal of Atmospheric and Oceanic Technology, 2010, 27, 776-784. | 0.5 | 7 |
| 30 | Effect of the initial spectrum on the spatial evolution of statistics of unidirectional nonlinear random waves. Journal of Geophysical Research, 2010, 115, . | 3.3 | 56 |
| 31 | Upward-propagating capillary waves on the surface of short Taylor bubbles. Physics of Fluids, 2006, 18, 048103. | 1.6 | 23 |