

Pablo Huq

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10909212/publications.pdf>

Version: 2024-02-01

28
papers

507
citations

687363

13
h-index

677142

22
g-index

28
all docs

28
docs citations

28
times ranked

522
citing authors

#	ARTICLE	IF	CITATIONS
1	The characteristics of the recirculating bulge region in coastal buoyant outflows. <i>Journal of Marine Research</i> , 2003, 61, 435-463.	0.3	63
2	Scaling Analysis for the Interaction between a Buoyant Coastal Current and the Continental Shelf: Experiments and Observations. <i>Journal of Physical Oceanography</i> , 2002, 32, 3233-3248.	1.7	45
3	The role of outflow geometry in the formation of the recirculating bulge region in coastal buoyant outflows. <i>Journal of Marine Research</i> , 2003, 61, 411-434.	0.3	41
4	Effects of Salinity on Bubble Cloud Characteristics. <i>Journal of Marine Science and Engineering</i> , 2018, 6, 1.	2.6	41
5	Mixing due to grid-generated turbulence of a two-layer scalar profile. <i>Journal of Fluid Mechanics</i> , 1995, 285, 17.	3.4	30
6	Turbulence evolution and mixing in a two-layer stably stratified fluid. <i>Journal of Fluid Mechanics</i> , 1995, 285, 41.	3.4	29
7	On the Transport of Buoyant Coastal Plumes. <i>Journal of Physical Oceanography</i> , 2011, 41, 620-640.	1.7	27
8	The Role of Kelvin Number on Bulge Formation from Estuarine Buoyant Outflows. <i>Estuaries and Coasts</i> , 2009, 32, 709-719.	2.2	23
9	Characteristics of bubble clouds at various wind speeds. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	22
10	Measurements of Turbulence and Dispersion in Three Idealized Urban Canopies with Different Aspect Ratios and Comparisons with a Gaussian Plume Model. <i>Boundary-Layer Meteorology</i> , 2013, 147, 103-121.	2.3	22
11	The bifurcation of circular jets in crossflow. <i>Physics of Fluids</i> , 1996, 8, 754-763.	4.0	19
12	Urban Dispersion Modelling and Experiments in the Daytime and Nighttime Atmosphere. <i>Boundary-Layer Meteorology</i> , 2011, 139, 395-409.	2.3	15
13	Fluid dynamical Lorentz force law and Poynting theoremâ€™ derivation and implications. <i>Fluid Dynamics Research</i> , 2014, 46, 055514.	1.3	14
14	A Review of Methodology for Evaluating the Performance of Atmospheric Transport and Dispersion Models and Suggested Protocol for Providing More Informative Results. <i>Fluids</i> , 2018, 3, 20.	1.7	14
15	Observations of jets in density stratified crossflows. <i>Atmospheric Environment</i> , 1997, 31, 2011-2022.	4.1	13
16	The Shear Layer above and in Urban Canopies. <i>Journal of Applied Meteorology and Climatology</i> , 2007, 46, 368-376.	1.5	12
17	Fluid dynamical Lorentz force law and Poynting theoremâ€™ introduction. <i>Fluid Dynamics Research</i> , 2014, 46, 055513.	1.3	12
18	Critical dissipation rates in density stratified turbulence. <i>Physics of Fluids</i> , 1995, 7, 1034-1039.	4.0	10

#	ARTICLE	IF	CITATIONS
19	Measurements and analysis of the turbulent Schmidt number in density stratified turbulence. Geophysical Research Letters, 2008, 35, .	4.0	10
20	Effects of Salinity on Surface Lifetime of Large Individual Bubbles. Journal of Marine Science and Engineering, 2017, 5, 41.	2.6	9
21	Evolution of helicity in fluid flows. Journal of Mathematical Physics, 2010, 51, 033520.	1.1	8
22	Concordances among electromagnetic, fluid dynamical, and gravitational field theories. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 3476-3482.	2.1	6
23	Dissipation rate correction methods. Experiments in Fluids, 2006, 40, 405-421.	2.4	5
24	Vortex fields and the Lambâ€“Stokes dissipation relation of fluid dynamics. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 4474-4477.	2.1	5
25	Optimizing the Determination of Roughness Parameters for Model Urban Canopies. Boundary-Layer Meteorology, 2018, 168, 497-515.	2.3	5
26	Transverse waves and vortex fields in non-relativistic fluid flows. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 1155-1158.	2.1	4
27	Lagrangian marker particle trajectory and microconductivity measurements in a mixing tank. Chemical Engineering Science, 2009, 64, 276-287.	3.8	2
28	Effects of large scale eddies and stagnation surfaces on microcrystallization. Chemical Engineering Science, 2010, 65, 1655-1667.	3.8	1