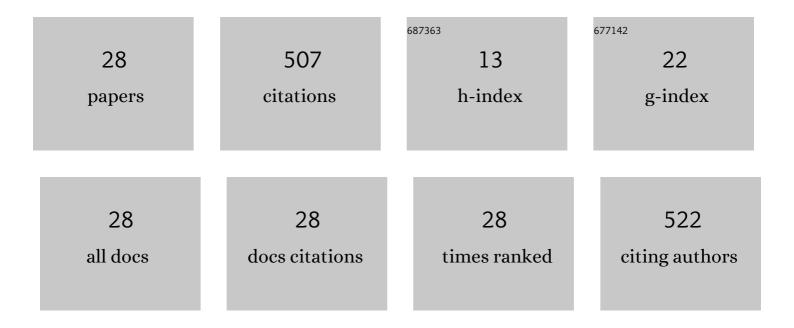
Pablo Huq

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The characteristics of the recirculating bulge region in coastal buoyant outflows. Journal of Marine Research, 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. Journal of Physical Oceanography, 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. Journal of Marine Research, 2003, 61, 411-434.	0.3	41
4	Effects of Salinity on Bubble Cloud Characteristics. Journal of Marine Science and Engineering, 2018, 6, 1.	2.6	41
5	Mixing due to grid-generated turbulence of a two-layer scalar profile. Journal of Fluid Mechanics, 1995, 285, 17.	3.4	30
6	Turbulence evolution and mixing in a two-layer stably stratified fluid. Journal of Fluid Mechanics, 1995, 285, 41.	3.4	29
7	On the Transport of Buoyant Coastal Plumes. Journal of Physical Oceanography, 2011, 41, 620-640.	1.7	27
8	The Role of Kelvin Number on Bulge Formation from Estuarine Buoyant Outflows. Estuaries and Coasts, 2009, 32, 709-719.	2.2	23
9	Characteristics of bubble clouds at various wind speeds. Journal of Geophysical Research, 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. Boundary-Layer Meteorology, 2013, 147, 103-121.	2.3	22
11	The bifurcation of circular jets in crossflow. Physics of Fluids, 1996, 8, 754-763.	4.0	19
12	Urban Dispersion Modelling and Experiments in the Daytime and Nighttime Atmosphere. Boundary-Layer Meteorology, 2011, 139, 395-409.	2.3	15
13	Fluid dynamical Lorentz force law and Poynting theorem—derivation and implications. Fluid Dynamics Research, 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. Fluids, 2018, 3, 20.	1.7	14
15	Observations of jets in density stratified crossflows. Atmospheric Environment, 1997, 31, 2011-2022.	4.1	13
16	The Shear Layer above and in Urban Canopies. Journal of Applied Meteorology and Climatology, 2007, 46, 368-376.	1.5	12
17	Fluid dynamical Lorentz force law and Poynting theorem—introduction. Fluid Dynamics Research, 2014, 46, 055513.	1.3	12
18	Critical dissipation rates in density stratified turbulence. Physics of Fluids, 1995, 7, 1034-1039.	4.0	10

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#	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 Lamb–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