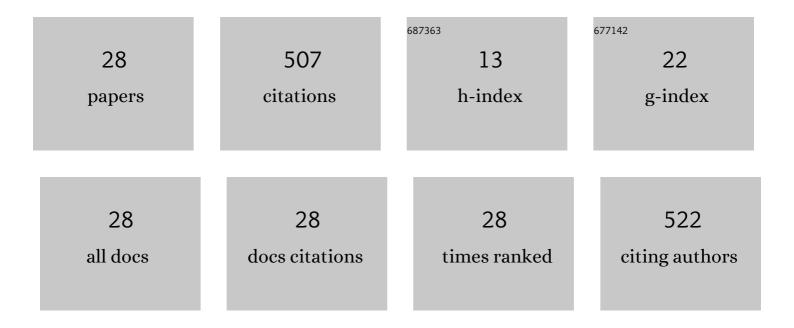
Pablo Huq

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 |