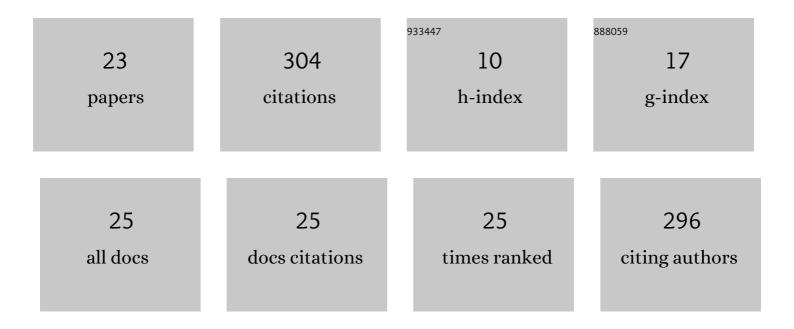
Alan Cuthbertson

List of Publications by Year in descending order

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ALAN CUTHREPTSON

#	Article	IF	CITATIONS
1	Non-equilibrium flocculation characteristics of fine-grained sediments in grid-generated turbulent flow. Coastal Engineering, 2010, 57, 447-460.	4.0	47
2	Hindered settling velocity of cohesive/non-cohesive sediment mixtures. Coastal Engineering, 2008, 55, 1197-1208.	4.0	31
3	Experimental investigations of graded sediment transport under unsteady flow hydrographs. International Journal of Sediment Research, 2015, 30, 306-320.	3.5	27
4	A Review on Mariculture Effluent: Characterization and Management Tools. Water (Switzerland), 2020, 12, 2991.	2.7	26
5	Model studies for flocculation of sand-clay mixtures. Coastal Engineering, 2018, 132, 13-32.	4.0	22
6	Experimental study of uni- and bi-directional exchange flows in a large-scale rotating trapezoidal channel. Physics of Fluids, 2021, 33, .	4.0	17
7	The influence of a localised region of turbulence on the structural development of a turbulent, round, buoyant jet. Fluid Dynamics Research, 2006, 38, 683-698.	1.3	14
8	A Modelling Study of Transient, Buoyancy-Driven Exchange Flow over a Descending Barrier. Environmental Fluid Mechanics, 2004, 4, 127-155.	1.6	13
9	Experimental and analytical investigation of dense gravity currents in a rotating, up-sloping and converging channel. Dynamics of Atmospheres and Oceans, 2011, 52, 386-409.	1.8	11
10	Model studies of dense water overflows in the Faroese Channels. Ocean Dynamics, 2014, 64, 273-292.	2.2	11
11	Gravity currents in rotating, wedge-shaped, adverse channels. Environmental Fluid Mechanics, 2014, 14, 1251-1273.	1.6	11
12	Dynamics of dense gravity currents and mixing in an up-sloping and converging vee-shaped channel. Journal of Hydraulic Research/De Recherches Hydrauliques, 2014, 52, 67-80.	1.7	11
13	Bed Load Sediment Transport and Morphological Evolution in a Degrading Uniform Sediment Channel Under Unsteady Flow Hydrographs. Water Resources Research, 2019, 55, 5431-5452.	4.2	10
14	A flume study to evaluate the processes governing retention of sea lice therapeutants using skirts in the treatment of sea lice infestation. Aquaculture, 2011, 319, 459-465.	3.5	7
15	The Mitigation Potential of Buffer Strips for Reservoir Sediment Yields: The Itumbiara Hydroelectric Power Plant in Brazil. Water (Switzerland), 2016, 8, 489.	2.7	7
16	Blockage of saline intrusions in restricted, two-layer exchange flows across a submerged sill obstruction. Environmental Fluid Mechanics, 2018, 18, 27-57.	1.6	7
17	Buoyancy-Driven Two-Layer Exchange Flows Across a Slowly Submerging Barrier. Environmental Fluid Mechanics, 2006, 6, 133-151.	1.6	6
18	Flow Turbulence Characteristics and Mass Transport in the Near-Wake Region of an Aquaculture Cage Net Panel. Water (Switzerland), 2021, 13, 294.	2.7	6

#	Article	IF	CITATIONS
19	Rotational effects on exchange flows across a submerged sill. Environmental Fluid Mechanics, 2021, 21, 405-432.	1.6	6
20	Graded bed load transport in sediment supply limited channels under unsteady flow hydrographs. Journal of Hydrology, 2021, 595, 126015.	5.4	6
21	Computational simulation of round thermal jets in an ambient cross flow using a large-scale hydrodynamic model. Journal of Hydraulic Research/De Recherches Hydrauliques, 2020, 58, 920-937.	1.7	4
22	Experimental study of flow and mass transport in the near-wake region of a rigid planar metal net panel. Aquacultural Engineering, 2022, 98, 102267.	3.1	3
23	Hysteretic Implications for Graded Bed Load Sediment Transport in Symmetrical Hydrograph Flows. Frontiers in Environmental Science, 2021, 9, .	3.3	1