

Alan Cuthbertson

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

304
citations

933447

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888059

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25
all docs

25
docs citations

25
times ranked

296
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study of flow and mass transport in the near-wake region of a rigid planar metal net panel. <i>Aquacultural Engineering</i> , 2022, 98, 102267.	3.1	3
2	Flow Turbulence Characteristics and Mass Transport in the Near-Wake Region of an Aquaculture Cage Net Panel. <i>Water (Switzerland)</i> , 2021, 13, 294.	2.7	6
3	Rotational effects on exchange flows across a submerged sill. <i>Environmental Fluid Mechanics</i> , 2021, 21, 405-432.	1.6	6
4	Experimental study of uni- and bi-directional exchange flows in a large-scale rotating trapezoidal channel. <i>Physics of Fluids</i> , 2021, 33, .	4.0	17
5	Graded bed load transport in sediment supply limited channels under unsteady flow hydrographs. <i>Journal of Hydrology</i> , 2021, 595, 126015.	5.4	6
6	Hysteretic Implications for Graded Bed Load Sediment Transport in Symmetrical Hydrograph Flows. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	1
7	Computational simulation of round thermal jets in an ambient cross flow using a large-scale hydrodynamic model. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2020, 58, 920-937.	1.7	4
8	A Review on Mariculture Effluent: Characterization and Management Tools. <i>Water (Switzerland)</i> , 2020, 12, 2991.	2.7	26
9	Bed Load Sediment Transport and Morphological Evolution in a Degrading Uniform Sediment Channel Under Unsteady Flow Hydrographs. <i>Water Resources Research</i> , 2019, 55, 5431-5452.	4.2	10
10	Blockage of saline intrusions in restricted, two-layer exchange flows across a submerged sill obstruction. <i>Environmental Fluid Mechanics</i> , 2018, 18, 27-57.	1.6	7
11	Model studies for flocculation of sand-clay mixtures. <i>Coastal Engineering</i> , 2018, 132, 13-32.	4.0	22
12	The Mitigation Potential of Buffer Strips for Reservoir Sediment Yields: The Itumbiara Hydroelectric Power Plant in Brazil. <i>Water (Switzerland)</i> , 2016, 8, 489.	2.7	7
13	Experimental investigations of graded sediment transport under unsteady flow hydrographs. <i>International Journal of Sediment Research</i> , 2015, 30, 306-320.	3.5	27
14	Model studies of dense water overflows in the Faroese Channels. <i>Ocean Dynamics</i> , 2014, 64, 273-292.	2.2	11
15	Gravity currents in rotating, wedge-shaped, adverse channels. <i>Environmental Fluid Mechanics</i> , 2014, 14, 1251-1273.	1.6	11
16	Dynamics of dense gravity currents and mixing in an up-sloping and converging vee-shaped channel. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2014, 52, 67-80.	1.7	11
17	A flume study to evaluate the processes governing retention of sea lice therapeutants using skirts in the treatment of sea lice infestation. <i>Aquaculture</i> , 2011, 319, 459-465.	3.5	7
18	Experimental and analytical investigation of dense gravity currents in a rotating, up-sloping and converging channel. <i>Dynamics of Atmospheres and Oceans</i> , 2011, 52, 386-409.	1.8	11

#	ARTICLE	IF	CITATIONS
19	Non-equilibrium flocculation characteristics of fine-grained sediments in grid-generated turbulent flow. Coastal Engineering, 2010, 57, 447-460.	4.0	47
20	Hindered settling velocity of cohesive/non-cohesive sediment mixtures. Coastal Engineering, 2008, 55, 1197-1208.	4.0	31
21	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
22	Buoyancy-Driven Two-Layer Exchange Flows Across a Slowly Submerging Barrier. Environmental Fluid Mechanics, 2006, 6, 133-151.	1.6	6
23	A Modelling Study of Transient, Buoyancy-Driven Exchange Flow over a Descending Barrier. Environmental Fluid Mechanics, 2004, 4, 127-155.	1.6	13