

Scott F Bradford

List of Publications by Year in descending order

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14
papers

640
citations

1307594

7
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

499
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite-Volume Model for Shallow-Water Flooding of Arbitrary Topography. Journal of Hydraulic Engineering, 2002, 128, 289-298.	1.5	274
2	Numerical Simulation of Surf Zone Dynamics. Journal of Waterway, Port, Coastal and Ocean Engineering, 2000, 126, 1-13.	1.2	154
3	Hydrodynamics of Turbid Underflows. Δ fl: Formulation and Numerical Analysis. Journal of Hydraulic Engineering, 1999, 125, 1006-1015.	1.5	98
4	Nonhydrostatic Model for Surf Zone Simulation. Journal of Waterway, Port, Coastal and Ocean Engineering, 2011, 137, 163-174.	1.2	45
5	Godunov-Based Model for Nonhydrostatic Wave Dynamics. Journal of Waterway, Port, Coastal and Ocean Engineering, 2005, 131, 226-238.	1.2	39
6	Improving the efficiency and accuracy of a nonhydrostatic surf zone model. Coastal Engineering, 2012, 65, 1-10.	4.0	9
7	Stability and accuracy of a semi-implicit Godunov scheme for mass transport. International Journal for Numerical Methods in Fluids, 2004, 45, 365-389.	1.6	7
8	A mode split, Godunov-type model for nonhydrostatic, free surface flow. International Journal for Numerical Methods in Fluids, 2014, 75, 426-445.	1.6	5
9	Effect of vertical grid variability on a free surface flow model. International Journal for Numerical Methods in Fluids, 2007, 54, 1173-1199.	1.6	2
10	Vertical Grid Design for More Accurate and Efficient Surf Zone Simulation. Coastal Engineering Journal, 2014, 56, 1450009-1-1450009-14.	1.9	2
11	Development of a Godunov-type model for the accurate simulation of dispersion dominated waves. Ocean Modelling, 2016, 106, 58-67.	2.4	2
12	Nonhydrostatic model for free surface flow interaction with structures. International Journal for Numerical Methods in Fluids, 2021, 93, 2508-2530.	1.6	2
13	Surf zone characterization for integration with remote sensing data. Coastal Engineering, 2009, 56, 591-598.	4.0	1
14	Improving the efficiency of a Godunov-based free surface flow model. Computers and Fluids, 2009, 38, 851-860.	2.5	0