

Utku KÃœnoÇŒlu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5244546/publications.pdf>

Version: 2024-02-01

30
papers

1,850
citations

471509

17
h-index

526287

27
g-index

31
all docs

31
docs citations

31
times ranked

1243
citing authors

#	ARTICLE	IF	CITATIONS
1	Runup of solitary waves on a circular Island. Journal of Fluid Mechanics, 1995, 302, 259-285.	3.4	386
2	Validation and Verification of Tsunami Numerical Models. Pure and Applied Geophysics, 2008, 165, 2197-2228.	1.9	219
3	Probabilistic tsunami hazard assessment at Seaside, Oregon, for nearâand farâfield seismic sources. Journal of Geophysical Research, 2009, 114, .	3.3	211
4	Long wave runup on piecewise linear topographies. Journal of Fluid Mechanics, 1998, 374, 1-28.	3.4	155
5	Real-time experimental forecast of the Peruvian tsunami of August 2007 for U.S. coastlines. Geophysical Research Letters, 2008, 35, .	4.0	115
6	Nonlinear evolution and runupârundown of long waves over a sloping beach. Journal of Fluid Mechanics, 2004, 513, 363-372.	3.4	107
7	Initial Value Problem Solution of Nonlinear Shallow Water-Wave Equations. Physical Review Letters, 2006, 97, 148501.	7.8	83
8	Inter-model analysis of tsunami-induced coastal currents. Ocean Modelling, 2017, 114, 14-32.	2.4	79
9	A New Tool for Inundation Modeling: Community Modeling Interface for Tsunamis (ComMIT). Pure and Applied Geophysics, 2011, 168, 2121-2131.	1.9	70
10	Probabilistic Tsunami Hazard and Risk Analysis: A Review of Research Gaps. Frontiers in Earth Science, 2021, 9, .	1.8	65
11	Development of MOST for Real-Time Tsunami Forecasting. Journal of Waterway, Port, Coastal and Ocean Engineering, 2016, 142, .	1.2	58
12	Tsunamis: bridging science, engineering and society. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140369.	3.4	47
13	The Fukushima accident was preventable. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140379.	3.4	46
14	The 30 October 2020 Aegean Sea Tsunami: Post-Event Field Survey Along Turkish Coast. Pure and Applied Geophysics, 2021, 178, 785-812.	1.9	43
15	Vanuatu earthquake and tsunami cause much damage, few casualties. Eos, 2000, 81, 641-647.	0.1	30
16	The 20th July 2017 BodrumâKos Tsunami Field Survey. Pure and Applied Geophysics, 2019, 176, 2925-2949.	1.9	28
17	Focusing of long waves with finite crest over constant depth. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2013, 469, 20130015.	2.1	26
18	Introduction to âTsunamis in the World Ocean: Past, Present, and Future. Volume IIâ. Pure and Applied Geophysics, 2011, 168, 1913-1917.	1.9	17

#	ARTICLE	IF	CITATIONS
19	Introduction to "Tsunamis in the World Ocean: Past, Present, and Future. Volume I" Pure and Applied Geophysics, 2011, 168, 963-968.	1.9	14
20	New Analytical Solution for Nonlinear Shallow Water-Wave Equations. Pure and Applied Geophysics, 2017, 174, 3209-3218.	1.9	12
21	Risk Assessment and Design of Prevention Structures for Enhanced Tsunami Disaster Resilience (RAPSODI)/Euro-Japan Collaboration. Coastal Engineering Journal, 2016, 58, 1640012-1-1640012-37.	1.9	9
22	The Chios, Greece Earthquake of 23 July 1949: Seismological Reassessment and Tsunami Investigations. Pure and Applied Geophysics, 2020, 177, 1295-1313.	1.9	8
23	Tsunami Dynamics, Forecasting, and Mitigation. , 2015, , 15-57.		6
24	Introduction to "Twenty Five Years of Modern Tsunami Science Following the 1992 Nicaragua and Flores Island Tsunamis, Volume I" Pure and Applied Geophysics, 2019, 176, 2757-2769.	1.9	4
25	A new tsunami runup predictor. Natural Hazards, 2021, 105, 1571-1585.	3.4	4
26	Introduction to "Twenty Five Years of Modern Tsunami Science Following the 1992 Nicaragua and Flores Island Tsunamis, Volume II" Pure and Applied Geophysics, 2020, 177, 1183-1191.	1.9	2
27	Introduction to "Sixty Years of Modern Tsunami Science, Volume 1: Lessons and Progress" Pure and Applied Geophysics, 2021, 178, 4689-4695.	1.9	2
28	TSUNAMI HYDRODYNAMIC MODELING: STANDARDS AND GUIDELINES. , 2009, , 127-145.		1
29	NONLINEAR EVOLUTION OF LONG WAVES OVER A SLOPING BEACH. Series on Quality, Reliability and Engineering Statistics, 2008, , 237-241.	0.2	0
30	Long Wave Runup on Coastal Structures. , 1997, , .		0