

Daniel C Conley

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/871999/publications.pdf>

Version: 2024-02-01

65
papers

1,687
citations

257357

24
h-index

289141

40
g-index

73
all docs

73
docs citations

73
times ranked

1728
citing authors

#	ARTICLE	IF	CITATIONS
1	The extreme 2013/2014 winter storms: hydrodynamic forcing and coastal response along the southwest coast of England. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 378-391.	1.2	174
2	The extreme 2013/2014 winter storms: Beach recovery along the southwest coast of England. <i>Marine Geology</i> , 2016, 382, 224-241.	0.9	111
3	Ventilated oscillatory boundary layers. <i>Journal of Fluid Mechanics</i> , 1994, 273, 261-284.	1.4	77
4	Assessing wave energy effects on biodiversity: the Wave Hub experience. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2012, 370, 502-529.	1.6	77
5	Evaluation of turbulence closure models under spilling and plunging breakers in the surf zone. <i>Coastal Engineering</i> , 2016, 114, 177-193.	1.7	76
6	Methodology for tidal turbine representation in ocean circulation model. <i>Renewable Energy</i> , 2013, 51, 448-464.	4.3	73
7	Field observations of the fluid-granular boundary layer under near-breaking waves. <i>Journal of Geophysical Research</i> , 1992, 97, 9631-9643.	3.3	72
8	Role of waves and tides on depth of closure and potential for headland bypassing. <i>Marine Geology</i> , 2019, 407, 60-75.	0.9	57
9	Direct measurements of bed stress under swash in the field. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	51
10	Environmental Impact Assessments for wave energy developments – Learning from existing activities and informing future research priorities. <i>Ocean and Coastal Management</i> , 2014, 99, 14-22.	2.0	47
11	Video-based nearshore bathymetry estimation in macro-tidal environments. <i>Marine Geology</i> , 2016, 374, 31-41.	0.9	46
12	Cross-shore sediment transport partitioning in the nearshore during a storm event. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	42
13	Wave run-up observations in microtidal, sediment-starved pocket beaches of the Eastern Mediterranean. <i>Journal of Marine Systems</i> , 2009, 78, S37-S47.	0.9	41
14	Comprehensive Field Study of Swash-Zone Processes. II: Sheet Flow Sediment Concentrations during Quasi-Steady Backwash. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2014, 140, 29-42.	0.5	41
15	Large-scale Barrier Dynamics Experiment II (BARDEX II): Experimental design, instrumentation, test program, and data set. <i>Coastal Engineering</i> , 2016, 113, 3-18.	1.7	40
16	Up-Wave and Autoregressive Methods for Short-Term Wave Forecasting for an Oscillating Water Column. <i>IEEE Transactions on Sustainable Energy</i> , 2015, 6, 171-178.	5.9	39
17	The Impact of Waves and Tides on Residual Sand Transport on a Sediment-Poor, Energetic, and Macrotidal Continental Shelf. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 4974-5002.	1.0	34
18	Calibration, Validation, and Analysis of an Empirical Algorithm for the Retrieval of Wave Spectra from HF Radar Sea Echo. <i>Journal of Atmospheric and Oceanic Technology</i> , 2016, 33, 245-261.	0.5	32

#	ARTICLE	IF	CITATIONS
19	Wave and Tidal Controls on Embayment Circulation and Headland Bypassing for an Exposed, Macrotidal Site. <i>Journal of Marine Science and Engineering</i> , 2018, 6, 94.	1.2	32
20	Effective shear stress of graded sediments. <i>Water Resources Research</i> , 2012, 48, .	1.7	31
21	A real-time nearshore wave and current prediction system. <i>Journal of Marine Systems</i> , 2008, 69, 37-58.	0.9	30
22	The effects of flow stratification by non-cohesive sediment on transport in high-energy wave-driven flows. <i>Journal of Fluid Mechanics</i> , 2008, 610, 43-67.	1.4	29
23	Marine Renewable Energies: Perspectives and Implications for Marine Ecosystems. <i>Scientific World Journal</i> , The, 2013, 2013, 1-3.	0.8	28
24	Comparison of HF Radar Fields of Directional Wave Spectra Against In Situ Measurements at Multiple Locations. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 271.	1.2	27
25	Tidal turbine representation in an ocean circulation model: Towards realistic applications. <i>Ocean Engineering</i> , 2014, 78, 95-111.	1.9	25
26	An approximate solution for the wave energy shadow in the lee of an array of overtopping type wave energy converters. <i>Coastal Engineering</i> , 2013, 73, 115-132.	1.7	24
27	Comprehensive Field Study of Swash-Zone Processes. I: Experimental Design with Examples of Hydrodynamic and Sediment Transport Measurements. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2014, 140, 14-28.	0.5	24
28	Sediment transport partitioning in the swash zone of a large-scale laboratory beach. <i>Coastal Engineering</i> , 2016, 113, 73-87.	1.7	24
29	A hybrid framework for predicting waves and longshore currents. <i>Journal of Marine Systems</i> , 2008, 69, 59-73.	0.9	23
30	Storm Event to Seasonal Evolution of Nearshore Bathymetry Derived from Shore-Based Video Imagery. <i>Remote Sensing</i> , 2019, 11, 519.	1.8	20
31	Nearshore sediment pathways and potential sediment budgets in embayed settings over a multi-annual timescale. <i>Marine Geology</i> , 2020, 427, 106270.	0.9	18
32	High-efficiency gravel longshore sediment transport and headland bypassing over an extreme wave event. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 2720-2727.	1.2	16
33	Environmental Impact Assessment: Gathering experiences from wave energy test centres in Europe. <i>International Journal of Marine Energy</i> , 2016, 14, 68-79.	1.8	15
34	The Impact of Ocean-Wave Coupling on the Upper Ocean Circulation During Storm Events. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017343.	1.0	14
35	Round Robin Testing: Exploring Experimental Uncertainties through a Multifacility Comparison of a Hinged Raft Wave Energy Converter. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 946.	1.2	14
36	Performance of a dynamic cobble berm revetment for coastal protection, under increasing water level.. <i>Coastal Engineering</i> , 2020, 159, 103712.	1.7	14

#	ARTICLE	IF	CITATIONS
37	Assessment of WERA long-range HF-radar performance from the user's perspective. , 2011, , .		13
38	Boundary layer dynamics in the swash zone under large-scale laboratory conditions. Coastal Engineering, 2016, 113, 47-61.	1.7	13
39	BARDEX II: Bringing the beach to the laboratory " again!. Journal of Coastal Research, 2013, 165, 1545-1550.	0.1	12
40	Nearshore bar migration and sediment-induced buoyancy effects. Continental Shelf Research, 2010, 30, 226-238.	0.9	11
41	Impact of a headland-associated sandbank on shoreline dynamics. Geomorphology, 2020, 355, 107065.	1.1	11
42	Swash zone response under various wave regimes. Journal of Hydraulic Research/De Recherches Hydrauliques, 2011, 49, 55-63.	0.7	9
43	Observations on the impact of a developing inlet in a bar built estuary. Continental Shelf Research, 1999, 19, 1733-1754.	0.9	8
44	Modelling Offshore Wave farms for Coastal Process Impact Assessment: Waves, Beach Morphology, and Water Users. Energies, 2018, 11, 2517.	1.6	8
45	Wave, Tide and Topographical Controls on Headland Sand Bypassing. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC017053.	1.0	8
46	Vertical structure of near-bed cross-shore flow velocities in the swash zone of a dissipative beach. Continental Shelf Research, 2015, 101, 98-108.	0.9	7
47	Estimation of wave parameters from HF radar using different methodologies and compared with wave buoy measurements at the Wave Hub. , 2015, , .		6
48	Sediment transport dynamics in the swash zone under large-scale laboratory conditions. Continental Shelf Research, 2016, 120, 1-13.	0.9	6
49	Marine renewable energy development " research, design, install. Proceedings of the Institution of Civil Engineers: Maritime Engineering, 2009, 162, 187-196.	1.4	5
50	Testing numerical hydrodynamic and morphodynamic models against BARDEX II Experiment data sets. Journal of Coastal Research, 2013, 165, 1745-1750.	0.1	4
51	Benefits of up-wave measurements in linear short-term wave forecasting for wave energy applications. , 2014, , .		4
52	High-resolution, large-scale laboratory measurements of a sandy beach and dynamic cobble berm revetment. Scientific Data, 2021, 8, 22.	2.4	4
53	Using Artificial Neural Networks for the Estimation of Subsurface Tidal Currents from High-Frequency Radar Surface Current Measurements. Remote Sensing, 2021, 13, 3896.	1.8	4
54	Predicting Dominance of Sand Transport by Waves, Tides, and Their Interactions on Sandy Continental Shelves. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017200.	1.0	3

#	ARTICLE	IF	CITATIONS
55	Rapid environmental assessment in the nearshore. <i>Journal of Marine Systems</i> , 2008, 69, 74-85.	0.9	2
56	Exploring Monthly To Seasonal Beach Morphodynamics Using Empirical Orthogonal Functions. <i>Journal of Coastal Research</i> , 2013, 165, 1868-1873.	0.1	2
57	Evaluation and Validation of HF Radar Swell and Wind wave Inversion Method. <i>Journal of Atmospheric and Oceanic Technology</i> , 2021, , .	0.5	2
58	REGIONAL VARIABILITY IN ATLANTIC STORM RESPONSE ALONG THE SOUTHWEST COAST OF ENGLAND. , 2015, , .		2
59	First output of the SOWFIA project: Streamlining of Ocean Wave Farms Impact Assessment. , 2011, , .		1
60	THE EFFECT OF DIFFRACTION ON THE REDISTRIBUTION OF WAVE ENERGY IN THE LEE OF AN OVERTOPPING TYPE WAVE ENERGY CONVERTER ARRAY. <i>Coastal Engineering Proceedings</i> , 2012, 1, 16.	0.1	1
61	Satellite data link buoy for wave-current measurement in very shallow waters. , 0, , .		0
62	Erratum to "Up-Wave and Autoregressive Methods for Short-Term Wave Forecasting for an Oscillating Water Column" [Jan 15 171-178]. <i>IEEE Transactions on Sustainable Energy</i> , 2015, 6, 653-653.	5.9	0
63	Sediment transport and underwater bar migration. , 2007, , 583-589.		0
64	MORPHODYNAMICS SHORELINE BOUNDARY CONDITIONS: A PRELIMINARY EVALUATION AT PROTOTYPE SCALE. , 2009, , .		0
65	Assessing altimetry close to the coast. , 2017, , .		0