

Daniel C Conley

List of Publications by Year in descending order

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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 | High-resolution, large-scale laboratory measurements of a sandy beach and dynamic cobble berm revetment. <i>Scientific Data</i> , 2021, 8, 22. | 2.4 | 4 |
| 2 | 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 |
| 3 | Evaluation and Validation of HF Radar Swell and Wind wave Inversion Method. <i>Journal of Atmospheric and Oceanic Technology</i> , 2021, , . | 0.5 | 2 |
| 4 | Predicting Dominance of Sand Transport by Waves, Tides, and Their Interactions on Sandy Continental Shelves. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017200. | 1.0 | 3 |
| 5 | Wave, Tide and Topographical Controls on Headland Sand Bypassing. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC017053. | 1.0 | 8 |
| 6 | 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 |
| 7 | Using Artificial Neural Networks for the Estimation of Subsurface Tidal Currents from High-Frequency Radar Surface Current Measurements. <i>Remote Sensing</i> , 2021, 13, 3896. | 1.8 | 4 |
| 8 | Impact of a headland-associated sandbank on shoreline dynamics. <i>Geomorphology</i> , 2020, 355, 107065. | 1.1 | 11 |
| 9 | 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 |
| 10 | Performance of a dynamic cobble berm revetment for coastal protection, under increasing water level.. <i>Coastal Engineering</i> , 2020, 159, 103712. | 1.7 | 14 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | Storm Event to Seasonal Evolution of Nearshore Bathymetry Derived from Shore-Based Video Imagery. <i>Remote Sensing</i> , 2019, 11, 519. | 1.8 | 20 |
| 15 | 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 |
| 16 | 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 |
| 17 | Modelling Offshore Wave farms for Coastal Process Impact Assessment: Waves, Beach Morphology, and Water Users. <i>Energies</i> , 2018, 11, 2517. | 1.6 | 8 |
| 18 | Assessing altimetry close to the coast. , 2017, , . | | 0 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | Video-based nearshore bathymetry estimation in macro-tidal environments. <i>Marine Geology</i> , 2016, 374, 31-41. | 0.9 | 46 |
| 21 | Sediment transport dynamics in the swash zone under large-scale laboratory conditions. <i>Continental Shelf Research</i> , 2016, 120, 1-13. | 0.9 | 6 |
| 22 | 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 |
| 23 | Boundary layer dynamics in the swash zone under large-scale laboratory conditions. <i>Coastal Engineering</i> , 2016, 113, 47-61. | 1.7 | 13 |
| 24 | 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 |
| 25 | 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 |
| 26 | Sediment transport partitioning in the swash zone of a large-scale laboratory beach. <i>Coastal Engineering</i> , 2016, 113, 73-87. | 1.7 | 24 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | Estimation of wave parameters from HF radar using different methodologies and compared with wave buoy measurements at the Wave Hub. , 2015, , . | | 6 |
| 31 | 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 |
| 32 | Vertical structure of near-bed cross-shore flow velocities in the swash zone of a dissipative beach. <i>Continental Shelf Research</i> , 2015, 101, 98-108. | 0.9 | 7 |
| 33 | REGIONAL VARIABILITY IN ATLANTIC STORM RESPONSE ALONG THE SOUTHWEST COAST OF ENGLAND. , 2015, , . | | 2 |
| 34 | Benefits of up-wave measurements in linear short-term wave forecasting for wave energy applications. , 2014, , . | | 4 |
| 35 | Tidal turbine representation in an ocean circulation model: Towards realistic applications. <i>Ocean Engineering</i> , 2014, 78, 95-111. | 1.9 | 25 |
| 36 | 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 |

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|----|---|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | Methodology for tidal turbine representation in ocean circulation model. <i>Renewable Energy</i> , 2013, 51, 448-464. | 4.3 | 73 |
| 40 | 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 |
| 41 | Testing numerical hydrodynamic and morphodynamic models against BARDEX II Experiment data sets. <i>Journal of Coastal Research</i> , 2013, 165, 1745-1750. | 0.1 | 4 |
| 42 | Exploring Monthly To Seasonal Beach Morphodynamics Using Empirical Orthogonal Functions. <i>Journal of Coastal Research</i> , 2013, 165, 1868-1873. | 0.1 | 2 |
| 43 | BARDEX II: Bringing the beach to the laboratory – again!. <i>Journal of Coastal Research</i> , 2013, 165, 1545-1550. | 0.1 | 12 |
| 44 | Marine Renewable Energies: Perspectives and Implications for Marine Ecosystems. <i>Scientific World Journal, The</i> , 2013, 2013, 1-3. | 0.8 | 28 |
| 45 | Effective shear stress of graded sediments. <i>Water Resources Research</i> , 2012, 48, . | 1.7 | 31 |
| 46 | 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 |
| 47 | 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 |
| 48 | First output of the SOWFIA project: Streamlining of Ocean Wave Farms Impact Assessment. , 2011, , . | | 1 |
| 49 | Assessment of WERA long-range HF-radar performance from the user's perspective. , 2011, , . | | 13 |
| 50 | Swash zone response under various wave regimes. <i>Journal of Hydraulic Research/De Recherches Hydrauliques</i> , 2011, 49, 55-63. | 0.7 | 9 |
| 51 | Nearshore bar migration and sediment-induced buoyancy effects. <i>Continental Shelf Research</i> , 2010, 30, 226-238. | 0.9 | 11 |
| 52 | Marine renewable energy development – research, design, install. <i>Proceedings of the Institution of Civil Engineers: Maritime Engineering</i> , 2009, 162, 187-196. | 1.4 | 5 |
| 53 | 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 |
| 54 | MORPHODYNAMICS SHORELINE BOUNDARY CONDITIONS: A PRELIMINARY EVALUATION AT PROTOTYPE SCALE. , 2009, , . | | 0 |

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|----|--|-----|-----------|
| 55 | A hybrid framework for predicting waves and longshore currents. Journal of Marine Systems, 2008, 69, 59-73. | 0.9 | 23 |
| 56 | A real-time nearshore wave and current prediction system. Journal of Marine Systems, 2008, 69, 37-58. | 0.9 | 30 |
| 57 | Rapid environmental assessment in the nearshore. Journal of Marine Systems, 2008, 69, 74-85. | 0.9 | 2 |
| 58 | The effects of flow stratification by non-cohesive sediment on transport in high-energy wave-driven flows. Journal of Fluid Mechanics, 2008, 610, 43-67. | 1.4 | 29 |
| 59 | Sediment transport and underwater bar migration. , 2007, , 583-589. | | 0 |
| 60 | Direct measurements of bed stress under swash in the field. Journal of Geophysical Research, 2004, 109, . | 3.3 | 51 |
| 61 | Cross-shore sediment transport partitioning in the nearshore during a storm event. Journal of Geophysical Research, 2003, 108, . | 3.3 | 42 |
| 62 | Observations on the impact of a developing inlet in a bar built estuary. Continental Shelf Research, 1999, 19, 1733-1754. | 0.9 | 8 |
| 63 | Ventilated oscillatory boundary layers. Journal of Fluid Mechanics, 1994, 273, 261-284. | 1.4 | 77 |
| 64 | Field observations of the fluid-granular boundary layer under near-breaking waves. Journal of Geophysical Research, 1992, 97, 9631-9643. | 3.3 | 72 |
| 65 | Satellite data link buoy for wave-current measurement in very shallow waters. , 0, , . | | 0 |