# Bret M Webb

## List of Publications by Year
## in descending order

| | | | |
|---|---|---|---|
| 28 papers | 443 citations | 840119<br>11 h-index | 752256<br>20 g-index |
| 28 all docs | 28 docs citations | 28 times ranked | 551 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | Multiple-Hazard Fragility and Restoration Models of Highway Bridges for Regional Risk and Resilience Assessment in the United States: State-of-the-Art Review. Journal of Structural Engineering, 2017, 143, . | 1.7 | 129 |
| 2 | The application of oyster reefs in shoreline protection: Are we over€engineering for an ecosystem engineer?. Journal of Applied Ecology, 2019, 56, 1703-1711. | 1.9 | 65 |
| 3 | Large€scale variation in wave attenuation of oyster reef living shorelines and the influence of inundation duration. Ecological Applications, 2021, 31, e02382. | 1.8 | 36 |
| 4 | Combined Wind-Wave-Surge Hurricane-Induced Damage Prediction for Buildings. Journal of Structural Engineering, 2019, 145, . | 1.7 | 32 |
| 5 | Flow structure at a trifurcation near a North Florida inlet. Continental Shelf Research, 2007, 27, 1528-1547. | 0.9 | 21 |
| 6 | Spatial Variability of Hydrodynamic Timescales in a Broad and Shallow Estuary: Mobile Bay, Alabama. Journal of Coastal Research, 2016, 32, 1374. | 0.1 | 18 |
| 7 | An expert opinion survey on post-hazard restoration of roadways and bridges: Data and key insights. Earthquake Spectra, 2020, 36, 983-1004. | 1.6 | 18 |
| 8 | Bathymetric influences on tidal currents at the entrance to a highly stratified, shallow estuary. Continental Shelf Research, 2013, 58, 1-11. | 0.9 | 16 |
| 9 | Spatial variability of flow over a river-influenced inner shelf in coastal Alabama during spring. Continental Shelf Research, 2014, 74, 25-34. | 0.9 | 16 |
| 10 | A Waterfront View of Coastal Hazards: Contextualizing Relationships among Geographic Exposure, Shoreline Type, and Hazard Concerns among Coastal Residents. Sustainability, 2019, 11, 6687. | 1.6 | 15 |
| 11 | Designing effective incentives for living shorelines as a habitat conservation strategy along residential coasts. Conservation Letters, 2020, 13, e12744. | 2.8 | 15 |
| 12 | Determination of Wave Transmission Coefficients for Oyster Shell Bag Breakwaters. , 2011, , . | | 13 |
| 13 | Atmospheric Groundwater Forcing of a Subterranean Estuary: A Seasonal Seawater Recirculation Process. Geophysical Research Letters, 2022, 49, . | 1.5 | 7 |
| 14 | Novel low-cost salinity sensor for embedded environmental monitoring. , 2010, , . | | 6 |
| 15 | Observations of Restratification after a Wind Mixing Event in a Shallow Highly Stratified Estuary. Estuaries and Coasts, 2020, 43, 272-285. | 1.0 | 6 |
| 16 | Geomorphic changes measured on Dauphin Island, AL, during Hurricane Nate. Shore and Beach, 2019, , 16-22. | 0.2 | 6 |
| 17 | Drag-Induced Displacement of a Simply Supported Bridge Span during Hurricane Katrina. Journal of Performance of Constructed Facilities, 2019, 33, . | 1.0 | 5 |
| 18 | Wave Transmission through Artificial Reef Breakwaters. , 2017, , . | | 4 |

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|---|---------|----|-----------| 
| 19 | Wave-Induced Scour at Cylindrical Piles. Transportation Research Record, 2014, 2436, 148-155. | 1.0 | 3 |
| 20 | Characteristics of exchange flow in a multiple inlet diurnal estuary: Mobile Bay, Alabama. Journal of Marine Systems, 2019, 191, 38-50. | 0.9 | 3 |
| 21 | NUMERICAL MODELLING OF SWASH ZONE HYDRODYNAMICS. , 2003, , . | | 2 |
| 22 | Application of Coastal Engineering Principles in Response to the Deepwater Horizon Disaster: Lessons Learned in Coastal Alabama. , 2011, , . | | 2 |
| 23 | Assessment of Engineering Adaptations to Extreme Events and Climate Change for a Simply Supported Interstate Bridge over a Shallow Estuary: Case Study. Journal of Bridge Engineering, 2018, 23, 05018011. | 1.4 | 2 |
| 24 | Coast Guards. Civil Engineering, 2011, 81, 76-83. | 0.1 | 1 |
| 25 | Effects of Low-Crested Living Shoreline Breakwaters on Wave Setup. , 2017, , . | | 1 |
| 26 | Contribution of relative sea-level rise to bridge failure in the USA during Hurricane Ivan. Proceedings of the Institution of Civil Engineers: Forensic Engineering, 2020, 173, 109-120. | 0.5 | 1 |
| 27 | MODELING BED MORPHOLOGY UNDER WAVES AND CURRENTS. , 2007, , . | | 0 |
| 28 | PHASE-RESOLVING SEDIMENT TRANSPORT AND MORPHOLOGY MODEL. , 2009, , . | | 0 |