

Thomas B Valdemarsen

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,835
citations

304743

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361022

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36
docs citations

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times ranked

1910
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Nitrogen and Phosphorus Export After Flooding of Agricultural Land by Coastal Managed Realignment. <i>Estuaries and Coasts</i> , 2021, 44, 657-671. | 2.2 | 8 |
| 2 | Internal Nutrient Loading Controls Macroalgal and Cyanobacterial Succession in a Coastal Lagoon Restored by Managed Realignment of Agricultural Land. <i>Frontiers in Marine Science</i> , 2021, 8, . | 2.5 | 2 |
| 3 | Mixed-habitat assimilation of organic waste in coastal environments – It's all about synergy!. <i>Science of the Total Environment</i> , 2020, 699, 134281. | 8.0 | 14 |
| 4 | Assessing methods for restoring seagrass (<i>Zostera muelleri</i>) in Australia's subtropical waters. <i>Marine and Freshwater Research</i> , 2020, 71, 996. | 1.3 | 14 |
| 5 | Stable C and N Isotope Composition of Primary Producers and Consumers Along an Estuarine Salinity Gradient: Tracing Mixing Patterns and Trophic Discrimination. <i>Estuaries and Coasts</i> , 2019, 42, 144-156. | 2.2 | 5 |
| 6 | Fertilizer-derived N in opportunistic macroalgae after flooding of agricultural land. <i>Marine Ecology - Progress Series</i> , 2019, 616, 37-49. | 1.9 | 4 |
| 7 | Responses of an Agricultural Soil Microbiome to Flooding with Seawater after Managed Coastal Realignment. <i>Microorganisms</i> , 2018, 6, 12. | 3.6 | 16 |
| 8 | Benthic macrofauna bioturbation and early colonization in newly flooded coastal habitats. <i>PLoS ONE</i> , 2018, 13, e0196097. | 2.5 | 16 |
| 9 | Carbon oxidation and bioirrigation in sediments along a Skagerrak-Kattegat-Belt Sea depth transect. <i>Marine Ecology - Progress Series</i> , 2018, 604, 33-50. | 1.9 | 13 |
| 10 | A new marine measure enhancing <i>Zostera marina</i> seed germination and seedling survival. <i>Ecological Engineering</i> , 2017, 104, 131-140. | 3.6 | 14 |
| 11 | Trophic discrimination of stable isotopes and potential food source partitioning by leaf-eating crabs in mangrove environments. <i>Limnology and Oceanography</i> , 2017, 62, 2097-2112. | 3.1 | 35 |
| 12 | Carbon degradation in agricultural soils flooded with seawater after managed coastal realignment. <i>Biogeosciences</i> , 2017, 14, 4375-4389. | 3.3 | 14 |
| 13 | Using a GIS-tool to evaluate potential eelgrass reestablishment in estuaries. <i>Ecological Modelling</i> , 2016, 338, 122-134. | 2.5 | 23 |
| 14 | Impact of deep-water fish farms on benthic macrofauna communities under different hydrodynamic conditions. <i>Marine Pollution Bulletin</i> , 2015, 101, 776-783. | 5.0 | 32 |
| 15 | Carbon mineralization pathways and bioturbation in coastal Brazilian sediments. <i>Scientific Reports</i> , 2015, 5, 16122. | 3.3 | 34 |
| 16 | Effects of temperature and organic pollution on nutrient cycling in marine sediments. <i>Biogeosciences</i> , 2015, 12, 4565-4575. | 3.3 | 29 |
| 17 | Organic N and P in eutrophic fjord sediments – rates of mineralization and consequences for internal nutrient loading. <i>Biogeosciences</i> , 2015, 12, 1765-1779. | 3.3 | 30 |
| 18 | Effects of coastal upwelling on the structure of macrofaunal communities in SE Brazil. <i>Journal of Marine Systems</i> , 2015, 143, 120-129. | 2.1 | 25 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Influence of benthic macrofauna community shifts on ecosystem functioning in shallow estuaries. <i>Frontiers in Marine Science</i> , 2014, 1, . | 2.5 | 94 |
| 20 | Changes in benthic sediment conditions under an Atlantic salmon farm at a deep, well-flushed coastal site. <i>Aquaculture Environment Interactions</i> , 2014, 5, 29-47. | 1.8 | 63 |
| 21 | Recovery of organic-enriched sediments through microbial degradation: implications for eutrophic estuaries. <i>Marine Ecology - Progress Series</i> , 2014, 503, 41-58. | 1.9 | 35 |
| 22 | Impact of lugworms (<i>Arenicola marina</i>) on mobilization and transport of fine particles and organic matter in marine sediments. <i>Journal of Sea Research</i> , 2013, 76, 31-38. | 1.6 | 26 |
| 23 | Influence of benthic macroinvertebrates on the erodability of estuarine cohesive sediments: Density- and biomass-specific responses. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 134, 80-87. | 2.1 | 29 |
| 24 | Impact of the invasive polychaete <i>Marenzelleria viridis</i> on the biogeochemistry of sandy marine sediments. <i>Biogeochemistry</i> , 2013, 115, 95-109. | 3.5 | 41 |
| 25 | Biogeochemical malfunctioning in sediments beneath a deep-water fish farm. <i>Environmental Pollution</i> , 2012, 170, 15-25. | 7.5 | 47 |
| 26 | Macrobenthic community response to the <i>Marenzelleria viridis</i> (Polychaeta) invasion of a Danish estuary. <i>Marine Ecology - Progress Series</i> , 2012, 461, 83-94. | 1.9 | 31 |
| 27 | What is bioturbation? The need for a precise definition for fauna in aquatic sciences. <i>Marine Ecology - Progress Series</i> , 2012, 446, 285-302. | 1.9 | 640 |
| 28 | Effect of temperature on biogeochemistry of marine organic-enriched systems: implications in a global warming scenario. , 2011, 21, 2664-2677. | | 48 |
| 29 | Burial of seeds and seedlings by the lugworm <i>Arenicola marina</i> hampers eelgrass (<i>Zostera marina</i>) recovery. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011, 410, 45-52. | 1.5 | 87 |
| 30 | Resuspension created by bedload transport of macroalgae: implications for ecosystem functioning. <i>Hydrobiologia</i> , 2010, 649, 69-76. | 2.0 | 37 |
| 31 | Sulfur, carbon, and nitrogen cycling in faunated marine sediments impacted by repeated organic enrichment. <i>Marine Ecology - Progress Series</i> , 2010, 400, 37-53. | 1.9 | 59 |
| 32 | Degradation of dissolved organic monomers and short-chain fatty acids in sandy marine sediment by fermentation and sulfate reduction. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 1593-1605. | 3.9 | 40 |
| 33 | Vulnerability of <i>Zostera marina</i> seedlings to physical stress. <i>Marine Ecology - Progress Series</i> , 2010, 418, 119-130. | 1.9 | 77 |
| 34 | Experimental manipulation of sediment organic content and water column aeration reduces <i>Zostera marina</i> (eelgrass) growth and survival. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 373, 26-34. | 1.5 | 67 |
| 35 | Metabolic threshold and sulfide-buffering in diffusion controlled marine sediments impacted by continuous organic enrichment. <i>Biogeochemistry</i> , 2009, 95, 335-353. | 3.5 | 69 |
| 36 | Diffusion scale dependent change in anaerobic carbon and nitrogen mineralization: True effect or experimental artifact?. <i>Journal of Marine Research</i> , 2005, 63, 645-669. | 0.3 | 17 |