

Travis G Gerwing

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

846
citations

471509

17
h-index

552781

26
g-index

47
all docs

47
docs citations

47
times ranked

811
citing authors

#	ARTICLE	IF	CITATIONS
1	Sound the alarm: A meta-analysis on the effect of aquatic noise on fish behavior and physiology. <i>Global Change Biology</i> , 2018, 24, 3105-3116.	9.5	99
2	Diet reconstruction using next-generation sequencing increases the known ecosystem usage by a shorebird. <i>Auk</i> , 2016, 133, 168-177.	1.4	56
3	Perceptions and Incidence of Test Anxiety. <i>Canadian Journal for the Scholarship of Teaching and Learning</i> , 2015, 6, .	0.4	47
4	Community assessment techniques and the implications for rarefaction and extrapolation with Hill numbers. <i>Ecology and Evolution</i> , 2017, 7, 11213-11226.	1.9	40
5	Mercury and methylmercury bioaccumulation by polychaete worms is governed by both feeding ecology and mercury bioavailability in coastal mudflats. <i>Environmental Pollution</i> , 2013, 176, 18-25.	7.5	34
6	Relative Importance of Biotic and Abiotic Forces on the Composition and Dynamics of a Soft-Sediment Intertidal Community. <i>PLoS ONE</i> , 2016, 11, e0147098.	2.5	33
7	Spatiotemporal Variation in Biotic and Abiotic Features of Eight Intertidal Mudflats in the Upper Bay of Fundy, Canada. <i>Northeastern Naturalist</i> , 2015, 22, 1.	0.3	32
8	Quantifying professionalism in peer review. <i>Research Integrity and Peer Review</i> , 2020, 5, 9.	5.2	30
9	Resilience of an intertidal infaunal community to winter stressors. <i>Journal of Sea Research</i> , 2015, 97, 40-49.	1.6	29
10	Varying intertidal invertebrate taxonomic resolution does not influence ecological findings. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 232, 106516.	2.1	29
11	Apparent redox potential discontinuity (aRPD) depth as a relative measure of sediment oxygen content and habitat quality. <i>International Journal of Sediment Research</i> , 2015, 30, 74-80.	3.5	26
12	Intertidal soft-sediment community does not respond to disturbance as postulated by the intermediate disturbance hypothesis. <i>Journal of Sea Research</i> , 2017, 129, 22-28.	1.6	24
13	Comparison of two methods of measuring the depth of the redox potential discontinuity in intertidal mudflat sediments. <i>Marine Ecology - Progress Series</i> , 2013, 487, 7-13.	1.9	24
14	Factors influencing forage selection by the North American beaver (<i>Castor canadensis</i>). <i>Mammalian Biology</i> , 2013, 78, 79-86.	1.5	21
15	Short-Term Response of a Downstream Marine System to the Partial Opening of a Tidal-River Causeway. <i>Estuaries and Coasts</i> , 2017, 40, 717-725.	2.2	21
16	Infaunal community responses to ancient clam gardens. <i>ICES Journal of Marine Science</i> , 2019, 76, 2362-2373.	2.5	20
17	Depth to the apparent redox potential discontinuity (aRPD) as a parameter of interest in marine benthic habitat quality models. <i>International Journal of Sediment Research</i> , 2018, 33, 149-156.	3.5	19
18	Relationships between Potentially Toxic Elements in intertidal sediments and their bioaccumulation by benthic invertebrates. <i>PLoS ONE</i> , 2019, 14, e0216767.	2.5	19

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19	The Green Wave: reviewing the environmental impacts of the invasive European green crab (<i>Carcinus maenas</i>) and potential management approaches. <i>Environmental Reviews</i> , 2022, 30, 306-322.	4.5	17
20	Potential impacts of logging on intertidal infaunal communities within the Kitimat River estuary. <i>Journal of Natural History</i> , 2018, 52, 2833-2855.	0.5	16
21	Do you want to breach an embankment? Synthesis of the literature and practical considerations for breaching of tidally influenced causeways and dikes. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 245, 107024.	2.1	16
22	Spatial Variation in Population Structure and Its Relation to Movement and the Potential for Dispersal in a Model Intertidal Invertebrate. <i>PLoS ONE</i> , 2013, 8, e69091.	2.5	15
23	Assessing the relationship between community dispersion and disturbance in a soft-sediment ecosystem. <i>Marine Ecology</i> , 2018, 39, e12505.	1.1	13
24	A rapid, non-invasive population assessment technique for marine burrowing macrofauna inhabiting soft sediments. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 227, 106343.	2.1	13
25	Restoration, reclamation, and rehabilitation: on the need for, and positing a definition of, ecological reclamation. <i>Restoration Ecology</i> , 2022, 30, e13461.	2.9	13
26	Passive reclamation of soft-sediment ecosystems on the North Coast of British Columbia, Canada. <i>Journal of Sea Research</i> , 2019, 155, 101796.	1.6	12
27	Observed Dispersal of Invasive Yellow Flag Iris (<i>Iris pseudacorus</i>) through a Saline Marine Environment and Growth in a Novel Substrate, Shell Hash. <i>Wetlands</i> , 2021, 41, 1.	1.5	12
28	Erosion of trust in government consultation will impede the creation of environmental policy. <i>Marine Policy</i> , 2017, 83, 126-127.	3.2	11
29	Wildlife usage indicates increased similarity between reclaimed upland habitat and mature boreal forest in the Athabasca Oil Sands Region of Alberta, Canada. <i>PLoS ONE</i> , 2019, 14, e0217556.	2.5	11
30	Effectiveness of nutrient enhancement as a remediation or compensation strategy of salmonid fisheries in culturally oligotrophic lakes and streams in temperate climates. <i>Restoration Ecology</i> , 2019, 27, 279-288.	2.9	10
31	Shellfish subsidies along the Pacific coast of North America. <i>Ecography</i> , 2020, 43, 668-681.	4.5	9
32	Immediate response of fish communities and water chemistry to causeway breaching and bridge installation in the Kaouk River estuary, British Columbia, Canada. <i>Restoration Ecology</i> , 2020, 28, 623-631.	2.9	8
33	Relationship between apparent redox potential discontinuity (aRPD) depth and environmental variables in soft-sediment habitats. <i>International Journal of Sediment Research</i> , 2017, 32, 472-480.	3.5	7
34	Short-term response of fish communities and water chemistry to breaching of a causeway in the Sarita River Estuary, British Columbia, Canada. <i>Restoration Ecology</i> , 2019, 27, 1473-1482.	2.9	7
35	Constructive and collegial peer-review as a necessary precursor to data-driven environmental policy. <i>Marine Policy</i> , 2020, 111, 103721.	3.2	7
36	Invertebrate communities, sediment parameters and food availability of intertidal soft-sediment ecosystems on the north coast of British Columbia, Canada. <i>Journal of Natural History</i> , 2020, 54, 919-945.	0.5	7

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37	Population dynamics and methodological assessments from a 15-year period of Amphibian monitoring in British Columbia's Southern Gulf Islands. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 216.	2.7	7
38	Similarity analyses in restoration ecology and how to improve their utility. <i>Restoration Ecology</i> , 2021, 29, e13368.	2.9	7
39	Assessment of sediment penetrability as an integrated in situ measure of intertidal softsediment conditions. <i>Marine Ecology - Progress Series</i> , 2020, 648, 67-78.	1.9	7
40	Increasing misalignment of spatial resolution between investigative and disturbance scales alters observed responses of an infaunal community to varying disturbance severities. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 265, 107718.	2.1	5
41	The Effect of a Spatial Harvest Closure Area on the Abundance, Movement, and Demographics of an Intensively Fished Population of Dungeness Crabs (<i>Cancer magister</i>) Along Roberts Bank, British Columbia, Canada. <i>Estuaries and Coasts</i> , 2020, 43, 1556-1570.	2.2	4
42	Sexual and Asexual Reproduction of <i>Salix sitchensis</i> and the Influence of Beaver (<i>Castor canadensis</i>) Herbivory on Reproductive Success. <i>ISRN Ecology</i> , 2012, 2012, 1-7.	1.0	4
43	Re-evaluation of solutions to the problem of unprofessionalism in peer review. <i>Research Integrity and Peer Review</i> , 2021, 6, 4.	5.2	2
44	Post-Secondary Educators' Perceptions of Students' Test Anxiety. <i>Canadian Journal for the Scholarship of Teaching and Learning</i> , 2016, 7, .	0.4	2
45	Trends in avian use of reclaimed boreal forest habitat in Canada's oil sands. <i>Avian Conservation and Ecology</i> , 2021, 16, .	0.8	1
46	Declines of Juvenile Coastal Cutthroat Trout and Coho Salmon over Fifteen Years in a Salmon-Bearing Stream in the Salish Sea. <i>Western North American Naturalist</i> , 2021, 81, .	0.4	0