

Paul V R Snelgrove

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

2,962
citations

257450

24
h-index

243625

44
g-index

44
all docs

44
docs citations

44
times ranked

4569
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Outstanding Challenges in the Transferability of Ecological Models. Trends in Ecology and Evolution, 2018, 33, 790-802. | 8.7 | 403 |
| 2 | Challenging the paradigms of deep-sea ecology. Trends in Ecology and Evolution, 2014, 29, 465-475. | 8.7 | 280 |
| 3 | Global patterns in marine dispersal estimates: the influence of geography, taxonomic category and life history. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1803-1809. | 2.6 | 249 |
| 4 | The biodiversity of macrofaunal organisms in marine sediments. Biodiversity and Conservation, 1998, 7, 1123-1132. | 2.6 | 218 |
| 5 | Parallel adaptive evolution of Atlantic cod on both sides of the Atlantic Ocean in response to temperature. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 3725-3734. | 2.6 | 206 |
| 6 | Global Observing Needs in the Deep Ocean. Frontiers in Marine Science, 2019, 6, . | 2.5 | 166 |
| 7 | Real world biodiversityâ€ecosystem functioning: a seafloor perspective. Trends in Ecology and Evolution, 2014, 29, 398-405. | 8.7 | 158 |
| 8 | Ecological variables for developing a global deep-ocean monitoring and conservation strategy. Nature Ecology and Evolution, 2020, 4, 181-192. | 7.8 | 142 |
| 9 | Climateâ€induced changes in the suitable habitat of coldâ€water corals and commercially important deepâ€sea fishes in the North Atlantic. Global Change Biology, 2020, 26, 2181-2202. | 9.5 | 109 |
| 10 | A climate-associated multispecies cryptic cline in the northwest Atlantic. Science Advances, 2018, 4, eaaq0929. | 10.3 | 91 |
| 11 | Rethinking the importance of food quality in marine benthic food webs. Progress in Oceanography, 2017, 156, 240-251. | 3.2 | 82 |
| 12 | Identifying patterns of dispersal, connectivity and selection in the sea scallop, <i>Placopecten magellanicus</i> , using RAD-derived SNPs. Evolutionary Applications, 2017, 10, 102-117. | 3.1 | 82 |
| 13 | From Sea to Sea: Canada's Three Oceans of Biodiversity. PLoS ONE, 2010, 5, e12182. | 2.5 | 81 |
| 14 | Climate change considerations are fundamental to management of deepâ€sea resource extraction. Global Change Biology, 2020, 26, 4664-4678. | 9.5 | 65 |
| 15 | Environmentally mediated trends in otolith composition of juvenile Atlantic cod (<i>Gadus morhua</i>). ICES Journal of Marine Science, 2015, 72, 2350-2363. | 2.5 | 47 |
| 16 | A Blueprint for an Inclusive, Global Deep-Sea Ocean Decade Field Program. Frontiers in Marine Science, 2020, 7, . | 2.5 | 45 |
| 17 | Applying Movement Ecology to Marine Animals with Complex Life Cycles. Annual Review of Marine Science, 2018, 10, 19-42. | 11.6 | 43 |
| 18 | A decade to study deep-sea life. Nature Ecology and Evolution, 2021, 5, 265-267. | 7.8 | 43 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | An Ocean of Discovery: Biodiversity Beyond the Census of Marine Life. <i>Planta Medica</i> , 2016, 82, 790-799. | 1.3 | 39 |
| 20 | Environmental Drivers of Benthic Flux Variation and Ecosystem Functioning in Salish Sea and Northeast Pacific Sediments. <i>PLoS ONE</i> , 2016, 11, e0151110. | 2.5 | 37 |
| 21 | Genomic evidence of past and future climate-linked loss in a migratory Arctic fish. <i>Nature Climate Change</i> , 2021, 11, 158-165. | 18.8 | 36 |
| 22 | Regional differences in foraging behaviour of invasive green crab (<i>Carcinus maenas</i>) populations in Atlantic Canada. <i>Biological Invasions</i> , 2012, 14, 659-669. | 2.4 | 35 |
| 23 | Resolving fine-scale population structure and fishery exploitation using sequenced microsatellites in a northern fish. <i>Evolutionary Applications</i> , 2020, 13, 1055-1068. | 3.1 | 32 |
| 24 | Incorporating Biological Traits into Conservation Strategies. <i>Annual Review of Marine Science</i> , 2021, 13, 421-443. | 11.6 | 31 |
| 25 | A global horizon scan of issues impacting marine and coastal biodiversity conservation. <i>Nature Ecology and Evolution</i> , 2022, 6, 1262-1270. | 7.8 | 27 |
| 26 | Marine ecosystem restoration in a changing ocean. <i>Restoration Ecology</i> , 2021, 29, e13432. | 2.9 | 23 |
| 27 | The BenBioDen database, a global database for meio-, macro- and megabenthic biomass and densities. <i>Scientific Data</i> , 2020, 7, 206. | 5.3 | 18 |
| 28 | Groundfish overfishing, diatom decline, and the marine silica cycle: Lessons from Saanich Inlet, Canada, and the Baltic Sea cod crash. <i>Global Biogeochemical Cycles</i> , 2009, 23, . | 4.9 | 17 |
| 29 | What global biogeochemical consequences will marine animal-sediment interactions have during climate change?. <i>Elementa</i> , 2021, 9, . | 3.2 | 17 |
| 30 | Polychaete assemblages of a sub-arctic Newfoundland fjord: habitat, distribution, and identification. <i>Polar Biology</i> , 2005, 28, 495-505. | 1.2 | 16 |
| 31 | Resuspension by fish facilitates the transport and redistribution of coastal sediments. <i>Limnology and Oceanography</i> , 2012, 57, 945-958. | 3.1 | 15 |
| 32 | Temporal and spatial migration of Atlantic cod (<i>Gadus morhua</i>) inside and outside a marine protected area and evidence for the role of prior experience in homing. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2014, 71, 1704-1712. | 1.4 | 14 |
| 33 | Food and initial size influence overwinter survival and condition of a juvenile marine fish (age-0) Tj ETQq1 1 0.784314 rgBT /Qverlock 10 | 1.4 | 14 |
| 34 | Seafloor biodiversity of Canada's three oceans: Patterns, hotspots and potential drivers. <i>Diversity and Distributions</i> , 2020, 26, 226-241. | 4.1 | 13 |
| 35 | Canadian Healthy Oceans Network (CHONe): An Academic-Government Partnership to Develop Scientific Guidelines for Conservation and Sustainable Usage of Marine Biodiversity. <i>Fisheries</i> , 2012, 37, 296-304. | 0.8 | 10 |
| 36 | Regional variation in otolith geochemistry of juvenile Atlantic cod (<i>Gadus morhua</i>) in coastal Newfoundland. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2016, 73, 1507-1519. | 1.4 | 10 |

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|----|--|-----|-----------|
| 37 | Better Model Transfers Require Knowledge of Mechanisms. <i>Trends in Ecology and Evolution</i> , 2019, 34, 489-490. | 8.7 | 10 |
| 38 | Exploring ecosystem-based management in the North Atlantic. <i>Journal of Fish Biology</i> , 2022, 101, 342-350. | 1.6 | 9 |
| 39 | Accuracy and precision of the continuous underway fish egg sampler (CUFES) and bongo nets: a comparison of three species of temperate fish. <i>Fisheries Oceanography</i> , 2005, 14, 432-447. | 1.7 | 8 |
| 40 | Benthic nutrient fluxes in deep-sea sediments within the Laurentian Channel MPA (eastern Canada): The relative roles of macrofauna, environment, and sea pen octocorals. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 178, 103655. | 1.4 | 7 |
| 41 | Reply to: Ecological variables for deep-ocean monitoring must include microbiota and meiofauna for effective conservation. <i>Nature Ecology and Evolution</i> , 2021, 5, 30-31. | 7.8 | 5 |
| 42 | Sea pens as indicators of macrofaunal communities in deep-sea sediments: Evidence from the Laurentian Channel Marine Protected Area. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2022, 182, 103702. | 1.4 | 4 |
| 43 | High site-fidelity and low mortality of juvenile Atlantic cod (<i>Gadus morhua</i>) in subarctic coastal habitat during their first winter. <i>ICES Journal of Marine Science</i> , 2022, 79, 1408-1418. | 2.5 | 4 |