

Les Watling

List of Publications by Year in descending order

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118
papers

5,254
citations

126907

33
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95266

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123
docs citations

123
times ranked

4696
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards a revision of the bamboo corals (Octocorallia): Part 4, delineating the family Keratoisididae. <i>Zootaxa</i> , 2022, 5093, 337-375.	0.5	6
2	Global biogeography of the lower bathyal (700–3000 m) as determined from the distributions of cnidarian anthozoans. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2022, 181, 103703.	1.4	5
3	Upper Bathyal Pacific Ocean biogeographic provinces from octocoral distributions. <i>Progress in Oceanography</i> , 2021, 191, 102509.	3.2	7
4	Fine-scale mapping of deep-sea habitat-forming species densities reveals taxonomic specific environmental drivers. <i>Global Ecology and Biogeography</i> , 2021, 30, 1286-1298.	5.8	6
5	Report on hydrozoans (Cnidaria), excluding Styasteridae, from the Emperor Seamounts, western North Pacific Ocean . <i>Zootaxa</i> , 2021, 4950, 201-247.	0.5	3
6	Vulnerable Marine Ecosystems, Communities, and Indicator Species: Confusing Concepts for Conservation of Seamounts. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	12
7	Toward a revision of the bamboo corals: Part 3, deconstructing the Family Isididae. <i>Zootaxa</i> , 2021, 5047, 247-272.	0.5	10
8	Environmental and Geomorphological Effects on the Distribution of Deep-Sea Canyon and Seamount Communities in the Northwest Atlantic. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	2
9	Toward a Revision of the Bamboo Corals: Part 2, Untangling the Genus <i>Lepidisis</i> (Octocorallia: Tj ETQq1 1 0.784314,rgBT /Overlock 11.1	1.1	4
10	Deep-sea benthic megafaunal communities on the New England and Corner Rise Seamounts, Northwest Atlantic Ocean. , 2020, , 917-932.		5
11	Characterization of deep-sea benthic invertebrate megafauna of the Galapagos Islands. <i>Scientific Reports</i> , 2020, 10, 13894.	3.3	6
12	Megabenthic assemblages in the lower bathyal (700–3000 m) on the New England and Corner Rise Seamounts, Northwest Atlantic. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2020, 165, 103366.	1.4	13
13	Midwater ecosystems must be considered when evaluating environmental risks of deep-sea mining. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17455-17460.	7.1	104
14	Climate-induced changes in the suitable habitat of cold-water corals and commercially important deep-sea fishes in the North Atlantic. <i>Global Change Biology</i> , 2020, 26, 2181-2202.	9.5	109
15	A classification system for crustacean setae based on the homology concept. , 2020, , 15-26.		30
16	Exploitation of deep-sea fishery resources. , 2020, , 71-90.		3
17	Toward a revision of the bamboo corals: Part 1, species in the Muricellisidinae (Octocorallia: Isididae) . <i>Zootaxa</i> , 2020, 4881, 361-371.	0.5	2
18	Contributors to Volume IV. , 2019, , xiii-xv.		0

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19	Macrofauna. , 2019, , 728-734.		2
20	Deep-Sea Mining With No Net Loss of Biodiversity—An Impossible Aim. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	99
21	Out of Sight, But Within Reach: A Global History of Bottom-Trawled Deep-Sea Fisheries From >400 m Depth. <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	45
22	Four new species of Magelona (Annelida: Magelonidae) from Easter Island, Guam and Hawaii. <i>Zootaxa</i> , 2018, 4457, 379.	0.5	2
23	No reef-associated gradient in the infaunal communities of Rapa Nui (Easter Island) — Are oceanic waves more important than reef predators?. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 210, 123-131.	2.1	9
24	Taxonomy based on science is necessary for global conservation. <i>PLoS Biology</i> , 2018, 16, e2005075.	5.6	149
25	Biodiversity loss from deep-sea mining. <i>Nature Geoscience</i> , 2017, 10, 464-465.	12.9	154
26	Seamounts on the High Seas Should Be Managed as Vulnerable Marine Ecosystems. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	57
27	Hydrothermal Vents and Methane Seeps: Rethinking the Sphere of Influence. <i>Frontiers in Marine Science</i> , 2016, 3, .	2.5	294
28	Collecting and processing bathynellaceans, anaspidaceans, spelaeogriphaceans, and therosbaenaceans. <i>Journal of Crustacean Biology</i> , 2016, 36, 402-404.	0.8	1
29	Abyssal fauna of the UK-1 polymetallic nodule exploration area, Clarion-Clipperton Zone, central Pacific Ocean: Cnidaria. <i>Biodiversity Data Journal</i> , 2016, 4, e9277.	0.8	46
30	A new genus of bamboo coral (Octocorallia: Isididae) from the Bahamas. <i>Zootaxa</i> , 2015, 3918, 239-49.	0.5	4
31	<i>Platycuma bamberconfabulor</i> sp. nov. (Crustacea: Cumacea: Nannastacidae) from Antarctica, with a note on the gut of <i>Platycuma</i> . <i>Zootaxa</i> , 2015, 3995, 133-7.	0.5	1
32	Bamboo corals from the abyssal Pacific: <i>Bathygorgia</i> . <i>Proceedings of the Biological Society of Washington</i> , 2015, 128, 125-136.	0.3	4
33	Environmental influences on the Indo-Pacific octocoral <i>Isis hippuris</i> Linnaeus 1758 (Alcyonacea: Tj ETQq1_1_0.784314 rgBT / DV	2.0	11
34	First description of hatchlings and eggs of <i>Octopus oliveri</i> (Berry, 1914) (Cephalopoda: Octopodidae). <i>Molluscan Research</i> , 2014, 34, 79-83.	0.7	5
35	Identifying Ecologically or Biologically Significant Areas (EBSA): A systematic method and its application to seamounts in the South Pacific Ocean. <i>Ocean and Coastal Management</i> , 2014, 91, 65-79.	4.4	60
36	A systematic approach towards the identification and protection of vulnerable marine ecosystems. <i>Marine Policy</i> , 2014, 49, 146-154.	3.2	84

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37	Trawling exerts big impacts on small beasts. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 8704-8705.	7.1	5
38	Supplementary comment: conservation of deep-sea corals off the northeast United States. Biodiversity, 2013, 14, 195-195.	1.1	1
39	A proposed biogeography of the deep ocean floor. Progress in Oceanography, 2013, 111, 91-112.	3.2	278
40	From principles to practice: a spatial approach to systematic conservation planning in the deep sea. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131684.	2.6	179
41	Trawl fisheries, catch shares and the protection of benthic marine ecosystems: Has ownership generated incentives for seafloor stewardship?. Marine Policy, 2013, 40, 75-83.	3.2	18
42	Biotic and Human Vulnerability to Projected Changes in Ocean Biogeochemistry over the 21st Century. PLoS Biology, 2013, 11, e1001682.	5.6	194
43	Octocoral gardens in the Gulf of Maine (NW Atlantic). Biodiversity, 2013, 14, 193-194.	1.1	12
44	The Worldâ€™s largest known Gorgonian. Zootaxa, 2013, 3630, 198-199.	0.5	4
45	Deep-sea trawling must be banned. Nature, 2013, 501, 7-7.	27.8	12
46	The Crustacean Integument. , 2013, , 167-198.		53
47	<i>Chrysogorgia</i> from the New England and Corner Seamounts: Atlanticâ€™Pacific connections. Journal of the Marine Biological Association of the United Kingdom, 2012, 92, 911-927.	0.8	35
48	Evaluation of potential sustainability of deep-sea fisheries for grenadiers (Macrouridae). Journal of Ichthyology, 2012, 52, 709-721.	0.5	15
49	Sustainability of deep-sea fish species under the European Union Common Fisheries Policy. Ocean and Coastal Management, 2012, 70, 31-37.	4.4	32
50	Deep-Sea Origin and In-Situ Diversification of Chrysogorgiid Octocorals. PLoS ONE, 2012, 7, e38357.	2.5	50
51	A New Genus and Species of Didymocheliid Amphipod from Hexactinellid Sponges (Crustacea: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Natural History, 2012, 53, 309-323.	1.1	1
52	Precious corals (Coralliidae) from north-western Atlantic Seamounts. Journal of the Marine Biological Association of the United Kingdom, 2011, 91, 369-382.	0.8	22
53	Biology of Deep-Water Octocorals. Advances in Marine Biology, 2011, 60, 41-122.	1.4	138
54	A New Genus and Species of Bamboo Coral (Octocorallia: Isididae: Keratoisidinae) from the New England Seamounts. Bulletin of the Peabody Museum of Natural History, 2011, 52, 209-220.	1.1	14

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55	A global seamount classification to aid the scientific design of marine protected area networks. <i>Ocean and Coastal Management</i> , 2011, 54, 19-36.	4.4	76
56	Definition and detection of vulnerable marine ecosystems on the high seas: problems with the "move-on" rule. <i>ICES Journal of Marine Science</i> , 2011, 68, 254-264.	2.5	119
57	Beaked whale foraging areas inferred by gouges in the seafloor. <i>Marine Mammal Science</i> , 2009, 26, 226-233.	1.8	11
58	Biogeographic provinces in the Atlantic deep sea determined from cumacean distribution patterns. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2009, 56, 1747-1753.	1.4	11
59	Partners for life: a brittle star and its octocoral host. <i>Marine Ecology - Progress Series</i> , 2009, 397, 81-88.	1.9	81
60	Treatise on Zoology " Anatomy, Taxonomy, Biology. The Crustacea, Volume 2. <i>Journal of Crustacean Biology</i> , 2008, 28, 744-744.	0.8	0
61	Anthropogenic impacts on the Corner Rise seamounts, north-west Atlantic Ocean. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 1075-1076.	0.8	52
62	A review of the genus <i>Iridogorgia</i> (Octocorallia: Chrysogorgiidae) and its relatives, chiefly from the North Atlantic Ocean. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 393-402.	0.8	26
63	Predation on copepods by an Alaskan cladorhizid sponge. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2007, 87, 1721-1726.	0.8	10
64	Frederick R. Schram: Recipient of the Crustacean Society Award for Research Excellence. <i>Journal of Crustacean Biology</i> , 2006, 26, 99-100.	0.8	0
65	Comments by Frederick R. Schram on Accepting the Award. <i>Journal of Crustacean Biology</i> , 2006, 26, 100-101.	0.8	0
66	Treatise on Zoology - Anatomy, Taxonomy, Biology. The Crustacea, Volume 1. 2004. <i>Journal of Crustacean Biology</i> , 2006, 26, 444-445.	0.8	0
67	An investigation of the cumulative impacts of shrimp trawling on mud-bottom fishing grounds in the Gulf of Maine: effects on habitat and macrofaunal community structure. <i>ICES Journal of Marine Science</i> , 2006, 63, 1616-1630.	2.5	35
68	A habitat classification scheme for seamount landscapes: assessing the functional role of deep-water corals as fish habitat. , 2005, , 761-769.		34
69	<i>Cladorhiza corona</i> sp. nov. (Porifera: Demospongiae: Cladorhizidae) from the Aleutian Islands (Alaska). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2005, 85, 1359-1366.	0.8	16
70	Distribution of deep-water Alcyonacea off the Northeast Coast of the United States. , 2005, , 279-296.		30
71	Molecular insights into Cumacean family relationships (Crustacea, Cumacea). <i>Molecular Phylogenetics and Evolution</i> , 2004, 30, 798-809.	2.7	26
72	Title is missing!. <i>Hydrobiologia</i> , 2003, 497, 181-204.	2.0	15

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73	A new species of <i>Hyalella</i> from the Patagonia, Chile, with redescription of <i>H. simplex</i> Schellenberg, 1943 (Crustacea: Amphipoda). <i>Journal of Natural History</i> , 2003, 37, 2077-2094.	0.5	13
74	A new species of <i>Hyalella</i> from Brazil (Crustacea: Amphipoda: Hyalellidae), with redescriptions of three other species in the genus. <i>Journal of Natural History</i> , 2003, 37, 2045-2076.	0.5	28
75	A new species of <i>Hyalella</i> from Colombia, and the redescription of <i>H. meinerti</i> Stebbing, 1899 from Venezuela (Crustacea: Amphipoda). <i>Journal of Natural History</i> , 2003, 37, 2095-2111.	0.5	15
76	REDESCRIPTION OF HYALELLA AZTECA FROM ITS TYPE LOCALITY, VERA CRUZ, MEXICO (AMPHIPODA: Tj ETQq0 0 0 rgBT /Overlock 10	0.8	35
77	A new species of <i>Hyalella</i> from the Andes in Perú (Crustacea: Amphipoda: Hyalellidae). <i>Revista De Biología Tropical</i> , 2002, 50, 649-58.	0.4	5
78	Redescription of the freshwater amphipod <i>Hyalella faxoni</i> from Costa Rica (Crustacea: Amphipoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.4	2
79	Reproduction and development of marine peracaridans. <i>Advances in Marine Biology</i> , 2001, 39, 105-260.	1.4	85
80	Impact of a scallop drag on the sediment chemistry, microbiota, and faunal assemblages of a shallow subtidal marine benthic community. <i>Journal of Sea Research</i> , 2001, 46, 309-324.	1.6	59
81	Effects on the ecological integrity of a soft-bottom habitat from a trawling disturbance. <i>Hydrobiologia</i> , 2001, 456, 73-85.	2.0	33
82	Three new species of <i>Hyalella</i> from Chile (Crustacea: Amphipoda: Hyalellidae). <i>Hydrobiologia</i> , 2001, 464, 175-199.	2.0	23
83	HUMESIANA, A REMARKABLE NEW CUMACEAN GENUS FROM THE CARIBBEAN SEA. <i>Journal of Crustacean Biology</i> , 2001, 21, 243-248.	0.8	2
84	THE PLACE OF THE HOPLOCARIDA IN THE MALACOSTRACAN PANTHEON. <i>Journal of Crustacean Biology</i> , 2000, 20, 1-11.	0.8	14
85	CONTUMACIOUS BEASTS: A STORY OF TWO DIASTYLIDAE (CUMACEA) FROM ARCTIC WATERS. <i>Journal of Crustacean Biology</i> , 2000, 20, 31-43.	0.8	2
86	Contumacious Beasts: A Story of Two Diastylidae (Cumacea) from Arctic Waters. <i>Journal of Crustacean Biology</i> , 2000, 20, 31-43.	0.8	3
87	A new species of leuconid (Crustacea, Cumacea), <i>Leucon (Crymoleucon) noerrevangi</i> , from the Faroe Islands. <i>Sarsia</i> , 1999, 84, 437-444.	0.5	1
88	Special Section: Effects of Mobile Fishing Gear on Marine Benthos. <i>Conservation Biology</i> , 1998, 12, 1178-1179.	4.7	20
89	Disturbance of the Seabed by Mobile Fishing Gear: A Comparison to Forest Clearcutting. <i>Conservation Biology</i> , 1998, 12, 1180-1197.	4.7	577
90	On the Identity of <i>Spencebatea abyssicola</i> (Cumacea), with Additional Observations on the Genera Allied to <i>Procampylaspis</i> . <i>Journal of Crustacean Biology</i> , 1998, 18, 205.	0.8	0

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91	Comment: The Interface between Fisheries Research and Habitat Management. <i>North American Journal of Fisheries Management</i> , 1997, 17, 591-595.	1.0	19
92	Extended parental care in two endobenthic amphipods. <i>Journal of Natural History</i> , 1997, 31, 713-725.	0.5	29
93	Prediction of benthic impact for salmon net-pens based on the balance of benthic oxygen supply and demand. <i>Marine Ecology - Progress Series</i> , 1997, 155, 147-157.	1.9	90
94	The impacts of mobile fishing gear on seafloor habitats in the gulf of Maine (Northwest Atlantic): Implications for conservation of fish populations. <i>Reviews in Fisheries Science</i> , 1996, 4, 185-202.	2.1	244
95	Environmental Impact of Salmon Net-Pen Culture on Marine Benthic Communities in Maine: A Case Study. <i>Estuaries and Coasts</i> , 1995, 18, 145.	1.7	149
96	The population structure of the brittle star <i>Ophiura sarsi</i> L ¹ / ₄ tken in the Gulf of Maine and its trophic relationship to American plaice (<i>Hippoglossoides platessoides</i> Fabricius). <i>Journal of Experimental Marine Biology and Ecology</i> , 1994, 179, 207-222.	1.5	37
97	Holistic Pattern Analysis as an Alternative to Pattern Cladistics in Hypothesizing Crustacean Phylogenetic Sequences. <i>Acta Zoologica</i> , 1992, 73, 349-354.	0.8	3
98	Revision of the Cumacean Family Leuconidae. <i>Journal of Crustacean Biology</i> , 1991, 11, 569-582.	0.8	27
99	The Sedimentary Milieu and its Consequences for Resident Organisms. <i>American Zoologist</i> , 1991, 31, 789-796.	0.7	41
100	Antarctica as an evolutionary incubator: evidence from the cladistic biogeography of the amphipod Family Iphimediidae. <i>Geological Society Special Publication</i> , 1989, 47, 297-313.	1.3	32
101	Efficacy of Phospholipid Analysis in Determining Microbial Biomass in Sediments. <i>Applied and Environmental Microbiology</i> , 1989, 55, 2888-2893.	3.1	360
102	Ecology of the Last Place on Earth. <i>Ecology</i> , 1986, 67, 822-823.	3.2	0
103	Biological and granulometric controls on sedimentary organic matter of an intertidal mudflat. <i>Estuarine, Coastal and Shelf Science</i> , 1985, 20, 491-503.	2.1	77
104	A Revision of the Stilipedidae (Amphipoda). <i>Crustaceana</i> , 1983, 44, 27-53.	0.3	15
105	Amphipoda From The Southern Ocean: Families Colomastigidae, Dexaminidae, Leucothoidae, Liljeborgiidae, And Sebidae. <i>Antarctic Research Series</i> , 1983, , 215-262.	0.2	12
106	Amphipoda from the northwestern Atlantic: The genera <i>Jerbarnia</i> , <i>Epimeria</i> , and <i>Harpinia</i> . <i>Sarsia</i> , 1981, 66, 203-211.	0.5	11
107	<i>Pagetina reducta</i> sp.n. (Crustacea: Amphipoda) with a review of the family Pagetinidae. <i>Sarsia</i> , 1981, 66, 213-215.	0.5	5
108	An Alternative Phylogeny of Peracarid Crustaceans. <i>Journal of Crustacean Biology</i> , 1981, 1, 201-210.	0.8	44

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109	Seasonal changes in feeding types of estuarine benthic invertebrates from Delaware Bay. <i>Journal of Experimental Marine Biology and Ecology</i> , 1979, 36, 125-155.	1.5	31
110	The use of species abundance estimates in marine benthic studies. <i>Journal of Experimental Marine Biology and Ecology</i> , 1978, 35, 109-118.	1.5	6
111	Benthic faunal assemblages off the Delmarva Peninsula. <i>Estuarine and Coastal Marine Science</i> , 1976, 4, 163-177.	0.9	28
112	Artificial Islands: Information needs and impact criteria. <i>Marine Pollution Bulletin</i> , 1975, 6, 139-142.	5.0	3
113	Analysis of structural variations in a shallow estuarine deposit-feeding community. <i>Journal of Experimental Marine Biology and Ecology</i> , 1975, 19, 275-313.	1.5	67
114	Shallow water hydroids of the Delaware Bay region. <i>Journal of Natural History</i> , 1972, 6, 643-649.	0.5	8
115	The Delaware Oyster Industry: A Reality?. <i>Transactions of the American Fisheries Society</i> , 1971, 100, 100-111.	1.4	13
116		0.3	3
117	Report of the workshop Evaluating the nature of midwater mining plumes and their potential effects on midwater ecosystems. <i>Research Ideas and Outcomes</i> , 0, 5, .	1.0	9
118	Benthic megafauna of the western Clarion-Clipperton Zone, Pacific Ocean. <i>ZooKeys</i> , 0, 1113, 1-110.	1.1	9