Lisa Ann Levin

List of Publications by Year in Descending Order

236 papers	16,287 citations	64 h-index	121 g-index
250 ext. papers	20,668 ext. citations	5.7 avg, IF	6.84 L-index

#	Paper	IF	Citations
236	Actions to halt biodiversity loss generally benefit the climate.. *Global Change Biology*, **2022**,	11.4	7
235	Heading to the deep end without knowing how to swim: Do we need deep-seabed mining?. *One Earth*, **2022**, 5, 220-223	8.1	1
234	Assessment of scientific gaps related to the effective environmental management of deep-seabed mining. *Marine Policy*, **2022**, 138, 105006	3.5	6
233	The dynamic influence of methane seepage on macrofauna inhabiting authigenic carbonates. *Ecosphere*, **2021**, 12, e03744	3.1	1
232	WTO must ban harmful fisheries subsidies. *Science*, **2021**, 374, 544	33.3	11
231	A chemosynthetic ecotone: chemotone in the sediments surrounding deep-sea methane seeps. *Limnology and Oceanography*, **2021**, 66, 1687-1702	4.8	3
230	Eukaryotic Biodiversity and Spatial Patterns in the Clarion-Clipperton Zone and Other Abyssal Regions: Insights From Sediment DNA and RNA Metabarcoding. *Frontiers in Marine Science*, **2021**, 8,	4.5	7
229	Response to Ota, Allison and Fabinyi on Evolving the narrative for protecting a rapidly changing ocean, post COVID-19. *Aquatic Conservation: Marine and Freshwater Ecosystems*, **2021**, 31, 2302-2303	2.6	
228	A decade to study deep-sea life. *Nature Ecology and Evolution*, **2021**, 5, 265-267	12.3	10
227	Environmental Protection Requires Accurate Application of Scientific Evidence. *Trends in Ecology and Evolution*, **2021**, 36, 14-15	10.9	2
226	Reply to: Ecological variables for deep-ocean monitoring must include microbiota and meiofauna for effective conservation. *Nature Ecology and Evolution*, **2021**, 5, 30-31	12.3	1
225	University Stormwater Management within Urban Environmental Regulatory Regimes: Barriers to Progressivity or Opportunities to Innovate?. *Environmental Management*, **2021**, 67, 12-25	3.1	5
224	What global biogeochemical consequences will marine animal–sediment interactions have during climate change?. *Elementa*, **2021**, 9,	3.6	2
223	Impacts of hypoxic events surpass those of future ocean warming and acidification. *Nature Ecology and Evolution*, **2021**, 5, 311-321	12.3	34
222	Relationships between biodiversity and ecosystem functioning proxies strengthen when approaching chemosynthetic deep-sea methane seeps. *Proceedings of the Royal Society B: Biological Sciences*, **2021**, 288, 20210950	4.4	1
221	Bright spots as climate-smart marine spatial planning tools for conservation and blue growth. *Global Change Biology*, **2021**, 27, 5514-5531	11.4	5
220	The Role of Blue Carbon in Climate Change Mitigation and Carbon Stock Conservation. *Frontiers in Climate*, **2021**, 3,	7.1	9

219	System controls of coastal and open ocean oxygen depletion. *Progress in Oceanography*, **2021**, 197, 102641	3.8	9
218	A Global Ocean Oxygen Database and Atlas for Assessing and Predicting Deoxygenation and Ocean Health in the Open and Coastal Ocean. *Frontiers in Marine Science*, **2021**, 8,	4.5	4
217	Climate change considerations are fundamental to management of deep-sea resource extraction. *Global Change Biology*, **2020**, 26, 4664-4678	11.4	32
216	Methanotrophic bacterial symbionts fuel dense populations of deep-sea feather duster worms (Sabellida, Annelida) and extend the spatial influence of methane seepage. *Science Advances*, **2020**, 6, eaay8562	14.3	18
215	Challenges to the sustainability of deep-seabed mining. *Nature Sustainability*, **2020**, 3, 784-794	22.1	45
214	Climate-induced changes in the suitable habitat of cold-water corals and commercially important deep-sea fishes in the North Atlantic. *Global Change Biology*, **2020**, 26, 2181	11.4	50
213	Ecological variables for developing a global deep-ocean monitoring and conservation strategy. *Nature Ecology and Evolution*, **2020**, 4, 181-192	12.3	62
212	Characterizing deepwater oxygen variability and seafloor community responses using a novel autonomous lander. *Biogeosciences*, **2020**, 17, 3943-3960	4.6	4
211	Deep-Sea Misconceptions Cause Underestimation of Seabed-Mining Impacts. *Trends in Ecology and Evolution*, **2020**, 35, 853-857	10.9	31
210	Meio-epifaunal wood colonization in the vicinity of methane seeps. *Marine Ecology*, **2020**, 41, e12573	1.4	0
209	Giant protists (xenophyophores) function as fish nurseries. *Ecology*, **2020**, 101, e02933	4.6	5
208	A Blueprint for an Inclusive, Global Deep-Sea Ocean Decade Field Program. *Frontiers in Marine Science*, **2020**, 7,	4.5	12
207	Gauging oxygen risk and tolerance for the megafauna of the Southern California shelf based on in situ observation, species mobility, and seascape. *ICES Journal of Marine Science*, **2020**, 77, 1941-1952	2.7	1
206	Strategic Environmental Goals and Objectives: Setting the basis for environmental regulation of deep seabed mining. *Marine Policy*, **2020**, 114, 103347	3.5	12
205	Global Observing Needs in the Deep Ocean. *Frontiers in Marine Science*, **2019**, 6,	4.5	71
204	Vision is highly sensitive to oxygen availability in marine invertebrate larvae. *Journal of Experimental Biology*, **2019**, 222,	3	9
203	Supporting Spartina: Interdisciplinary perspective shows Spartina as a distinct solid genus. *Ecology*, **2019**, 100, e02863	4.6	22
202	Successful Blue Economy Examples With an Emphasis on International Perspectives. *Frontiers in Marine Science*, **2019**, 6,	4.5	37

201	Urbanization alters belowground invertebrate community structure in semi-arid regions: A comparison of lawns, biofilters and sage scrub. *Landscape and Urban Planning*, **2019**, 192, 103664	7.7	6
200	Sustainability in Deep Water: The Challenges of Climate Change, Human Pressures, and Biodiversity Conservation. *Oceanography*, **2019**, 32, 170-180	2.3	3
199	Multidisciplinary Observing in the World Oceans Oxygen Minimum Zone Regions: From Climate to Fish The VOICE Initiative. *Frontiers in Marine Science*, **2019**, 6,	4.5	9
198	Home sweet suboxic home: remarkable hypoxia tolerance in two demersal fish species in the Gulf of California. *Ecology*, **2019**, 100, e02539	4.6	6
197	Declining oxygen in the global ocean and coastal waters. *Science*, **2018**, 359,	33.3	909
196	Manifestation, Drivers, and Emergence of Open Ocean Deoxygenation. *Annual Review of Marine Science*, **2018**, 10, 229-260	15.4	98
195	Evaluating the promise and pitfalls of a potential climate change-tolerant sea urchin fishery in southern California. *ICES Journal of Marine Science*, **2018**, 75, 1029-1041	2.7	17
194	Protect the neglected half of our blue planet. *Nature*, **2018**, 554, 163-165	50.4	7
193	Scientific Considerations for the Assessment and Management of Mine Tailings Disposal in the Deep Sea. *Frontiers in Marine Science*, **2018**, 5,	4.5	19
192	Exploring the Ecology of Deep-Sea Hydrothermal Vents in a Metacommunity Framework. *Frontiers in Marine Science*, **2018**, 5,	4.5	33
191	Deep-Sea Mining With No Net Loss of Biodiversity An Impossible Aim. *Frontiers in Marine Science*, **2018**, 5,	4.5	52
190	Response of Sea Urchin Fitness Traits to Environmental Gradients Across the Southern California Oxygen Minimum Zone. *Frontiers in Marine Science*, **2018**, 5,	4.5	8
189	Polychlorinated biphenyls (PCBs) in recreational marina sediments of San Diego Bay, southern California. *Marine Pollution Bulletin*, **2018**, 126, 204-214	6.7	18
188	Distribution of Meiofauna in Bathyal Sediments Influenced by the Oxygen Minimum Zone Off Costa Rica. *Frontiers in Marine Science*, **2018**, 5,	4.5	10
187	Essential Market Squid (Doryteuthis opalescens) Embryo Habitat: A Baseline for Anticipated Ocean Climate Change. *Journal of Shellfish Research*, **2018**, 37, 601-614	1	6
186	A strategy for the conservation of biodiversity on mid-ocean ridges from deep-sea mining. *Science Advances*, **2018**, 4, eaar4313	14.3	59
185	Methane seepage effects on biodiversity and biological traits of macrofauna inhabiting authigenic carbonates. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2017**, 137, 26-41	2.3	9
184	Pollution-tolerant invertebrates enhance greenhouse gas flux in urban wetlands. *Ecological Applications*, **2017**, 27, 1852-1861	4.9	12

183	Predictive Power of Clean Bed Filtration Theory for Fecal Indicator Bacteria Removal in Stormwater Biofilters. *Environmental Science & Technology*, **2017**, 51, 5703-5712	10.3	10
182	Methane fates in the benthos and water column at cold seep sites along the continental margin of Central and North America. *Deep-Sea Research Part I: Oceanographic Research Papers*, **2017**, 120, 122-131	2.5	4
181	Ocean commitments under the Paris Agreement. *Nature Climate Change*, **2017**, 7, 833-838	21.4	47
180	Ocean deoxygenation a climate-related problem. *Frontiers in Ecology and the Environment*, **2017**, 15, 479-479	5.5	4
179	Physiological and ecological implications of ocean deoxygenation for vision in marine organisms. *Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences*, **2017**, 375,	3	22
178	Occurrence and distribution of polycyclic aromatic hydrocarbons in surface sediments of San Diego Bay marinas. *Marine Pollution Bulletin*, **2017**, 114, 466-479	6.7	23
177	Habitat compression and expansion of sea urchins in response to changing climate conditions on the California continental shelf and slope (1994 2013). *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2017**, 137, 377-389	2.3	23
176	Incorporating ecosystem services into environmental management of deep-seabed mining. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2017**, 137, 486-503	2.3	45
175	Colonial Tube-Dwelling Ciliates Influence Methane Cycling and Microbial Diversity within Methane Seep Ecosystems. *Frontiers in Marine Science*, **2017**, 3,	4.5	10
174	Characterization of Methane-Seep Communities in a Deep-Sea Area Designated for Oil and Natural Gas Exploitation Off Trinidad and Tobago. *Frontiers in Marine Science*, **2017**, 4,	4.5	18
173	Major impacts of climate change on deep-sea benthic ecosystems. *Elementa*, **2017**, 5,	3.6	134
172	Soil invertebrates in Australian rain gardens and their potential roles in storage and processing of nitrogen. *Ecological Engineering*, **2016**, 97, 138-143	3.9	14
171	Anthropogenic impacts on nitrogen fixation rates between restored and natural Mediterranean salt marshes. *Marine Ecology*, **2016**, 37, 370-379	1.4	7
170	Development of Embryonic Market Squid, Doryteuthis opalescens, under Chronic Exposure to Low Environmental pH and [O2]. *PLoS ONE*, **2016**, 11, e0167461	3.7	12
169	Hydrothermal Vents and Methane Seeps: Rethinking the Sphere of Influence. *Frontiers in Marine Science*, **2016**, 3,	4.5	162
168	Microbial eukaryotic distributions and diversity patterns in a deep-sea methane seep ecosystem. *Environmental Microbiology*, **2016**, 18, 3022-43	5.2	25
167	Biodiversity response to natural gradients of multiple stressors on continental margins. *Proceedings of the Royal Society B: Biological Sciences*, **2016**, 283,	4.4	25
166	Defining erious harm to the marine environment in the context of deep-seabed mining. *Marine Policy*, **2016**, 74, 245-259	3.5	149

165	Colonization of over a thousand Cibicidoides wuellerstorfi (foraminifera: Schwager, 1866) on artificial substrates in seep and adjacent off-seep locations in dysoxic, deep-sea environments. *Deep-Sea Research Part I: Oceanographic Research Papers*, **2016**, 117, 39-50	2.5	13
164	Submarine and deep-sea mine tailing placements: A review of current practices, environmental issues, natural analogs and knowledge gaps in Norway and internationally. *Marine Pollution Bulletin*, **2015**, 97, 13-35	6.7	95
163	Submersible- and lander-observed community patterns in the Mariana and New Britain trenches: Influence of productivity and depth on epibenthic and scavenging communities. *Deep-Sea Research Part I: Oceanographic Research Papers*, **2015**, 99, 119-133	2.5	78
162	From Rain Tanks to Catchments: Use of Low-Impact Development To Address Hydrologic Symptoms of the Urban Stream Syndrome. *Environmental Science & Technology*, **2015**, 49, 11264-80	10.3	100
161	Preface Biogeochemistry ecosystem interaction on changing continental margins in the Anthropocene *Journal of Marine Systems*, **2015**, 141, 1-2	2.7	4
160	Comparative biogeochemistry ecosystem human interactions on dynamic continental margins. *Journal of Marine Systems*, **2015**, 141, 3-17	2.7	36
159	Macrobenthos relative to the oxygen minimum zone on the East Indian margin, Bay of Bengal. *Marine Ecology*, **2015**, 36, 679-700	1.4	11
158	Methane seep ecosystem functions and services from a recently discovered southern California seep. *Marine Ecology*, **2015**, 36, 91-108	1.4	35
157	Transpressional segment boundaries in strike-slip fault systems offshore southern California: Implications for fluid expulsion and cold seep habitats. *Geophysical Research Letters*, **2015**, 42, 4080-4088	4.9	9
156	Methane Seep Carbonates Host Distinct, Diverse, and Dynamic Microbial Assemblages. *MBio*, **2015**, 6, e01348-15	7.8	44
155	REVIEW: Potential roles of soil fauna in improving the efficiency of rain gardens used as natural stormwater treatment systems. *Journal of Applied Ecology*, **2015**, 52, 1445-1454	5.8	30
154	Optimization of bioretention systems through application of ecological theory. *Wiley Interdisciplinary Reviews: Water*, **2015**, 2, 259-270	5.7	19
153	Food web heterogeneity and succession in created saltmarshes. *Journal of Applied Ecology*, **2015**, 52, 1343-1354	5.8	20
152	Geochemical Proxies for Estimating Faunal Exposure to Ocean Acidification. *Oceanography*, **2015**, 25, 62-73	2.3	8
151	And on Top of All That Coping with Ocean Acidification in the Midst of Many Stressors. *Oceanography*, **2015**, 25, 48-61	2.3	101
150	Biodiversity on the Rocks: Macrofauna Inhabiting Authigenic Carbonate at Costa Rica Methane Seeps. *PLoS ONE*, **2015**, 10, e0131080	3.7	538
149	The deep ocean under climate change. *Science*, **2015**, 350, 766-8	33.3	146
148	Macrofaunal recolonization of copper-contaminated sediments in San Diego Bay. *Marine Pollution Bulletin*, **2015**, 101, 794-804	6.7	5

147	New insights on the trophic ecology of bathyal communities from the methane seep area off Concepci□, Chile (~36°S). *Marine Ecology*, **2014**, 35, 1-21	1.4	23
146	Carbonate-hosted methanotrophy represents an unrecognized methane sink in the deep sea. *Nature Communications*, **2014**, 5, 5094	17.4	63
145	Can variable pH and low oxygen moderate ocean acidification outcomes for mussel larvae?. *Global Change Biology*, **2014**, 20, 754-64	11.4	89
144	Uranium in larval shells as a barometer of molluscan ocean acidification exposure. *Environmental Science & Technology*, **2014**, 48, 6401-8	10.3	16
143	Environmental pH, O2 and Capsular Effects on the Geochemical Composition of Statoliths of Embryonic Squid Doryteuthis opalescens. *Water (Switzerland)*, **2014**, 6, 2233-2254	3	11
142	Population connectivity shifts at high frequency within an open-coast marine protected area network. *PLoS ONE*, **2014**, 9, e103654	3.7	12
141	Microsporidia-nematode associations in methane seeps reveal basal fungal parasitism in the deep sea. *Frontiers in Microbiology*, **2014**, 5, 43	5.7	27
140	A call for deep-ocean stewardship. *Science*, **2014**, 344, 696-8	33.3	163
139	Salinity and its variability in the Lagoon of Venice, 2000□2009. *Advances in Oceanography and Limnology*, **2014**, 5, 41-59	1.3	4
138	Alteration of benthic communities associated with copper contamination linked to boat moorings. *Marine Ecology*, **2014**, 35, 46-66	1.4	23
137	Microbial abundance and diversity patterns associated with sediments and carbonates from the methane seep environments of Hydrate Ridge, OR. *Frontiers in Marine Science*, **2014**, 1,	4.5	28
136	Trophic structure of the bathyal benthos at an area with evidence of methane seep activity off southern Chile (~45°S). *Journal of the Marine Biological Association of the United Kingdom*, **2014**, 94, 659-669	1.1	8
135	Salinity and its variability in the Lagoon of Venice, 2000□2009. *Advances in Oceanography and Limnology*, **2014**, 5, 41	1.3	9
134	Nematode community structure along a central Chile margin transect influenced by the oxygen minimum zone. *Deep-Sea Research Part I: Oceanographic Research Papers*, **2013**, 78, 1-15	2.5	15
133	Ecological release and niche partitioning under stress: Lessons from dorvilleid polychaetes in sulfidic sediments at methane seeps. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2013**, 92, 214-233	2.3	40
132	Comments on and implications of a steady-state in coastal marine ecosystems. *Chemistry and Ecology*, **2013**, 29, 86-99	2.3	10
131	Biotic and human vulnerability to projected changes in ocean biogeochemistry over the 21st century. *PLoS Biology*, **2013**, 11, e1001682	9.7	156
130	Oxygen, ecology, and the Cambrian radiation of animals. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 13446-51	11.5	217

129	Microbes, macrofauna, and methane: A novel seep community fueled by aerobic methanotrophy. *Limnology and Oceanography*, **2013**, 58, 1640-1656	4.8	31
128	Cold seep epifaunal communities on the Hikurangi margin, New Zealand: composition, succession, and vulnerability to human activities. *PLoS ONE*, **2013**, 8, e76869	3.7	43
127	Designating networks of chemosynthetic ecosystem reserves in the deep sea. *Marine Policy*, **2012**, 36, 378-381	3.5	49
126	Cold seep and oxygen minimum zone associated sources of margin heterogeneity affect benthic assemblages, diversity and nutrition at the Cascadian margin (NE Pacific Ocean). *Progress in Oceanography*, **2012**, 96, 77-92	3.8	27
125	Taking the "waste" out of "wastewater" for human water security and ecosystem sustainability. *Science*, **2012**, 337, 681-6	33.3	394
124	What controls connectivity? An empirical, multi-species approach. *Integrative and Comparative Biology*, **2012**, 52, 511-24	2.8	57
123	Comparative composition, diversity and trophic ecology of sediment macrofauna at vents, seeps and organic falls. *PLoS ONE*, **2012**, 7, e33515	3.7	85
122	Conservation concerns in the deep. *Science*, **2012**, 336, 668-9	33.3	1
121	A hydrothermal seep on the Costa Rica margin: middle ground in a continuum of reducing ecosystems. *Proceedings of the Royal Society B: Biological Sciences*, **2012**, 279, 2580-8	4.4	58
120	Understanding continental margin biodiversity: a new imperative. *Annual Review of Marine Science*, **2012**, 4, 79-112	15.4	161
119	Adaptive radiation in extremophilic Dorvilleidae (Annelida): diversification of a single colonizer or multiple independent lineages?. *Ecology and Evolution*, **2012**, 2, 1958-70	2.8	17
118	Archaea in metazoan diets: implications for food webs and biogeochemical cycling. *ISME Journal*, **2012**, 6, 1602-12	11.9	39
117	High-frequency dynamics of ocean pH: a multi-ecosystem comparison. *PLoS ONE*, **2011**, 6, e28983	3.7	629
116	Connectivity clues from short-term variability in settlement and geochemical tags of mytilid mussels. *Journal of Sea Research*, **2011**, 65, 141-150	1.9	25
115	Ocean deoxygenation: Past, present, and future. *Eos*, **2011**, 92, 409-410	1.5	58
114	Man and the last great wilderness: human impact on the deep sea. *PLoS ONE*, **2011**, 6, e22588	3.7	466
113	The role of cyanobacteria in Southern California salt marsh food webs. *Marine Ecology*, **2011**, 32, 346-363	1.4	24
112	Macrobenthic community response to copper in Shelter Island Yacht Basin, San Diego Bay, California. *Marine Pollution Bulletin*, **2011**, 62, 701-17	6.7	25

111	Evaluating the importance of demographic connectivity in a marine metapopulation. *Ecology*, **2011**, 92, 1972-84	4.6	53
110	Dimorphism in methane seep-dwelling ecotypes of the largest known bacteria. *ISME Journal*, **2011**, 5, 1926-35	11.9	20
109	The influence of geological, geochemical, and biogenic habitat heterogeneity on seep biodiversity. *Marine Ecology*, **2010**, 31, 51-65	1.4	116
108	Diversity of bathyal macrofauna on the northeastern Pacific margin: the influence of methane seeps and oxygen minimum zones. *Marine Ecology*, **2010**, 31, 94-110	1.4	58
107	Habitat heterogeneity and its influence on benthic biodiversity in oxygen minimum zones. *Marine Ecology*, **2010**, 31, 125-147	1.4	95
106	Biological structures as a source of habitat heterogeneity and biodiversity on the deep ocean margins. *Marine Ecology*, **2010**, 31, 21-50	1.4	358
105	EUNICE PENNATA (POLYCHAETA: EUNICIDAE) FROM ACTIVE AND PASSIVE COLD SEEP SITES IN CENTRAL AND SOUTHERN CHILE (36°- 46°S). *Anales Del Instituto De La Patagonia*, **2010**, 38, 31-37	0.5	2
104	The fauna of hydrothermal vents on the Mohn Ridge (North Atlantic). *Marine Biology Research*, **2010**, 6, 155-171	1	58
103	Ocean oxygen minima expansions and their biological impacts. *Deep-Sea Research Part I: Oceanographic Research Papers*, **2010**, 57, 587-595	2.5	372
102	Reproductive timing alters population connectivity in marine metapopulations. *Current Biology*, **2010**, 20, 1926-31	6.3	85
101	New Perceptions of Continental Margin Biodiversity **2010**, 79-102		28
100	Biogeography, Ecology, and Vulnerability of Chemosynthetic Ecosystems in the Deep Sea **2010**, 161-182		19
99	Stable isotope signatures and methane use by New Zealand cold seep benthos. *Marine Geology*, **2010**, 272, 260-269	3.3	63
98	Initial characterization of cold seep faunal communities on the New Zealand Hikurangi margin. *Marine Geology*, **2010**, 272, 251-259	3.3	62
97	Anaerobic metazoans: no longer an oxymoron. *BMC Biology*, **2010**, 8, 31	7.3	8
96	Carbon and oxygen isotope geochemistry of live (stained) benthic foraminifera from the Aleutian Margin and the Southern Australian Margin. *Marine Micropaleontology*, **2009**, 70, 89-101	1.7	20
95	Diversity and functional responses of nitrogen-fixing microbes to three wetland invasions. *Biological Invasions*, **2009**, 11, 225-239	2.7	25
94	Macrofaunal communities and sediment structure across the Pakistan margin Oxygen Minimum Zone, North-East Arabian Sea. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2009**, 56, 434-448	2.3	57

93	Oxygen and organic matter thresholds for benthic faunal activity on the Pakistan margin oxygen minimum zone (700–1100 m). *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2009**, 56, 449-471	2.3	100
92	Benthic biological and biogeochemical patterns and processes across an oxygen minimum zone (Pakistan margin, NE Arabian Sea). *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2009**, 56, 261-270	2.3	50
91	Macrobenthos community structure and trophic relationships within active and inactive Pacific hydrothermal sediments. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2009**, 56, 1632-1648	2.3	60
90	Ecological theory and continental margins: where shallow meets deep. *Trends in Ecology and Evolution*, **2009**, 24, 606-17	10.9	142
89	Spatial distribution of copper in relation to recreational boating in a California shallow-water basin. *Chemistry and Ecology*, **2009**, 25, 417-433	2.3	17
88	Living Deep: A Synopsis of Hadal Trench Ecology. *Marine Technology Society Journal*, **2009**, 43, 137-143	0.5	25
87	Linking juvenile habitat utilization to population dynamics of California halibut. *Limnology and Oceanography*, **2008**, 53, 799-812	4.8	55
86	Utilization of invasive tamarisk by salt marsh consumers. *Oecologia*, **2008**, 158, 259-72	2.9	30
85	Regulation of benthic algal and animal communities by salt marsh plants: impact of shading. *Ecology*, **2007**, 88, 904-17	4.6	62
84	Population Connectivity and Larval Dispersal Using Geochemical Signatures in Calcified Structures. *Oceanography*, **2007**, 20, 80-89	2.3	99
83	Community structure and nutrition of deep methane-seep macrobenthos from the North Pacific (Aleutian) Margin and the Gulf of Mexico (Florida Escarpment). *Marine Ecology*, **2007**, 28, 131-151	1.4	82
82	Advances in Vent, Seep, Whale- and Wood-Fall Biology. *Marine Ecology*, **2007**, 28, 1-2	1.4	38
81	Succession of microphytobenthos in a restored coastal wetland. *Estuaries and Coasts*, **2007**, 30, 265-276	2.8	13
80	Influence of invasive Spartina growth stages on associated macrofaunal communities. *Biological Invasions*, **2007**, 9, 975-993	2.7	50
79	Novel antifoulants: inhibition of larval attachment by proteases. *Marine Biotechnology*, **2007**, 9, 388-97	3.4	80
78	Complex larval connectivity patterns among marine invertebrate populations. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 3267-72	11.5	191
77	Oxygen as a control on sea floor biological communities and their roles in sedimentary carbon cycling. *Limnology and Oceanography*, **2007**, 52, 1698-1709	4.8	124
76	Extreme food webs: Foraging strategies and diets of scavenging amphipods from the ocean's deepest 5 kilometers. *Limnology and Oceanography*, **2007**, 52, 1685-1697	4.8	66

75	Recruitment response of methane-seep macrofauna to sulfide-rich sediments: An in situ experiment. *Journal of Experimental Marine Biology and Ecology*, **2006**, 330, 132-150	2.1	40
74	Invasive cordgrass modifies wetland trophic function. *Ecology*, **2006**, 87, 419-32	4.6	171
73	Recent progress in understanding larval dispersal: new directions and digressions. *Integrative and Comparative Biology*, **2006**, 46, 282-97	2.8	500
72	Vertical zonation patterns of scavenging amphipods from the Hadal zone of the Tonga and Kermadec Trenches. *Deep-Sea Research Part I: Oceanographic Research Papers*, **2006**, 53, 48-61	2.5	62
71	Mechanisms generating modification of benthos following tidal flat invasion by a Spartina hybrid **2006**, 16, 1391-404		100
70	A new species of the family Thyasiridae (Mollusca: Bivalvia) from the oxygen minimum zone of the Pakistan margin. *Journal of the Marine Biological Association of the United Kingdom*, **2006**, 86, 411-416	1.1	14
69	Back to the future *Marine Ecology*, **2005**, 26, 1-2	1.4	4
68	Kristian Fauchald: A Tribute. *Marine Ecology*, **2005**, 26, 141-144	1.4	1
67	Spatial and temporal variation in trace elemental fingerprints of mytilid mussel shells: A precursor to invertebrate larval tracking. *Limnology and Oceanography*, **2005**, 50, 48-61	4.8	61
66	Ecology of Cold Seep Sediments. *Oceanography and Marine Biology*, **2005**, 1-46		255
65	Surficial Hydrocarbon Seep Infauna from the Blake Ridge (Atlantic Ocean, 2150 m) and the Gulf of Mexico (690 2240 m). *Marine Ecology*, **2004**, 25, 313-336	1.4	60
64	Colonization, succession, and nutrition of macrobenthic assemblages in a restored wetland at Tijuana Estuary, California. *Estuarine, Coastal and Shelf Science*, **2004**, 60, 755-770	2.9	55
63	Global distribution of naturally occurring marine hypoxia on continental margins. *Deep-Sea Research Part I: Oceanographic Research Papers*, **2004**, 51, 1159-1168	2.5	522
62	Scientific Writing And Publishing A Guide For Students. *Bulletin of the Ecological Society of America*, **2004**, 85, 74-78	0.7	2
61	Bioturbation by symbiont-bearing annelids in near-anoxic sediments: Implications for biofacies models and paleo-oxygen assessments. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2003**, 199, 129-140	2.9	36
60	NATURAL AND MANIPULATED SOURCES OF HETEROGENEITY CONTROLLING EARLY FAUNAL DEVELOPMENT OF A SALT MARSH **2002**, 12, 1785-1802		48
59	Isotopic evidence for chemosynthesis-based nutrition of macrobenthos: The lightness of being at Pacific methane seeps. *Limnology and Oceanography*, **2002**, 47, 1336-1345	4.8	143
58	Chlorin distribution and degradation in sediments within and below the Arabian Sea oxygen minimum zone. *Deep-Sea Research Part I: Oceanographic Research Papers*, **2002**, 49, 953-969	2.5	21

57	Deep-Ocean Life Where Oxygen Is Scarce. *American Scientist*, **2002**, 90, 436	2.7	42
56	Habitat utilization and alteration by the invasive burrowing isopod, Sphaeroma quoyanum, in California salt marshes. *Marine Biology*, **2001**, 138, 561-573	2.5	62
55	The Function of Marine Critical Transition Zones and the Importance of Sediment Biodiversity. *Ecosystems*, **2001**, 4, 430-451	3.9	309
54	Managing Critical Transition Zones. *Ecosystems*, **2001**, 4, 452-460	3.9	61
53	Modification of Sediments and Macrofauna by an Invasive Marsh Plant. *Biological Invasions*, **2001**, 3, 51-68	2.7	71
52	Dressing up for the deep: agglutinated protists adorn an irregular urchin. *Journal of the Marine Biological Association of the United Kingdom*, **2001**, 81, 881-882	1.1	14
51	The foraminiferan macrofauna from three North Carolina (USA) slope sites with contrasting carbon flux: a comparison with the metazoan macrofauna. *Deep-Sea Research Part I: Oceanographic Research Papers*, **2001**, 48, 1709-1739	2.5	37
50	Meiofaunal distributions on the Peru margin:. *Deep-Sea Research Part I: Oceanographic Research Papers*, **2001**, 48, 2453-2472	2.5	83
49	Environmental Influences on Regional Deep-Sea Species Diversity. *Annual Review of Ecology, Evolution, and Systematics*, **2001**, 32, 51-93		488
48	Development and application of elemental fingerprinting to track the dispersal of marine invertebrate larvae. *Limnology and Oceanography*, **2000**, 45, 871-880	4.8	57
47	Benthic foraminifera associated with cold methane seeps on the northern California margin: Ecology and stable isotopic composition. *Marine Micropaleontology*, **2000**, 38, 247-266	1.7	129
46	Nematode abundance at the oxygen minimum zone in the Arabian Sea. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2000**, 47, 75-85	2.3	61
45	Foraminifera in the Arabian Sea oxygen minimum zone and other oxygen-deficient settings: taxonomic composition, diversity, and relation to metazoan faunas. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2000**, 47, 25-54	2.3	178
44	Macrobenthic community structure within and beneath the oxygen minimum zone, NW Arabian Sea. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2000**, 47, 189-226	2.3	157
43	Variations in bioturbation across the oxygen minimum zone in the northwest Arabian Sea. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **2000**, 47, 227-257	2.3	74
42	Physical reworking by near-bottom flow alters the metazoan meiofauna of Fieberling Guyot (northeast Pacific). *Deep-Sea Research Part I: Oceanographic Research Papers*, **1999**, 46, 2041-2052	2.5	26
41	Macrobenthos of Spartina foliosa (Pacific Cordgrass) salt marshes in Southern California: Community structure and comparison to a Pacific mudflat and a Spartina alterniflora (Atlantic smooth cordgrass) marsh. *Estuaries and Coasts*, **1998**, 21, 129		52
40	The effect of experimentally increased near-bottom flow on metazoan meiofauna at a deep-sea site, with comparison data on macrofauna. *Deep-Sea Research Part I: Oceanographic Research Papers* , **1998**, 45, 625-638	2.5	25

39	Relationships between oxygen, organic matter and the diversity of bathyal macrofauna. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **1998**, 45, 129-163	2.3	168
38	Deep-sea biodiversity: a tribute to Robert R. Hessler. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **1998**, 45, 1-11	2.3	10
37	Demographic Responses of Estuarine Polychaetes to Pollutants: Life Table Response Experiments **1996**, 6, 1295-1313		157
36	The short-term fate of fresh algal carbon in continental slope sediments. *Limnology and Oceanography*, **1996**, 41, 1208-1219	4.8	93
35	Pelagic and benthic ecology of the lower interface of the Eastern Tropical Pacific oxygen minimum zone. *Deep-Sea Research Part I: Oceanographic Research Papers*, **1995**, 42, 93-115	2.5	97
34	Contrasting effects of substrate mobility on infaunal assemblages inhabiting two high-energy settings on Fieberling Guyot. *Journal of Marine Research*, **1994**, 52, 489-522	1.5	32
33	Control and Consequences of Alternative Developmental Modes in a Poecilogonous Polychaete. *American Zoologist*, **1994**, 34, 323-332		43
32	Effects of sediment amended with sewage, algae, or hydrocarbons on growth and reproduction in two opportunistic polychaetes. *Journal of Experimental Marine Biology and Ecology*, **1994**, 177, 99-119	2.1	75
31	Paleoecology and Ecology of Xenophyophores. *Palaios*, **1994**, 9, 32	1.6	35
30	Biological mixing intensity and rates of organic carbon accumulation in North Carolina slope sediments. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **1994**, 41, 735-753	2.3	61
29	The remineralization of organic carbon on the North Carolina continental slope. *Deep-Sea Research Part II: Topical Studies in Oceanography*, **1994**, 41, 755-766	2.3	34
28	Rare earth tagging methods for the study of larval dispersal by marine invertebrates. *Limnology and Oceanography*, **1993**, 38, 346-360	4.8	18
27	The ecology of xenophyophores, an enigmatic group of agglutinating rhizopods. *The Paleontological Society Special Publications*, **1992**, 6, 182-182		
26	The Role of Benthic Foraminifera in Deep-Sea Food Webs and Carbon Cycling **1992**, 63-91		70
25	THE GENETIC BASIS OF LIFE-HISTORY CHARACTERS IN A POLYCHAETE EXHIBITING PLANKTOTROPHY AND LECITHOTROPHY. *Evolution; International Journal of Organic Evolution*, **1991**, 45, 380-397	3.8	94
24	Control of deep-sea benthic community structure by oxygen and organic-matter gradients in the eastern Pacific Ocean. *Journal of Marine Research*, **1991**, 49, 763-800	1.5	142
23	AreSpartina marshes a replaceable resource? A functional approach to evaluation of marsh creation efforts. *Estuaries and Coasts*, **1991**, 14, 1		126
22	The Genetic Basis of Life-History Characters in a Polychaete Exhibiting Planktotrophy and Lecithotrophy. *Evolution; International Journal of Organic Evolution*, **1991**, 45, 380	3.8	40

21	Epibenthic, agglutinating foraminiferans in the Santa Catalina Basin and their response to disturbance. *Deep-sea Research Part A, Oceanographic Research Papers*, **1991**, 38, 465-483		22
20	Interactions Between Metazoans and Large, Agglutinating Protozoans: Implications for the Community Structure of Deep-Sea Benthos. *American Zoologist*, **1991**, 31, 886-900		62
19	Involvement of the oxygen minimum in benthic zonation on a deep seamount. *Nature*, **1990**, 346, 57-59	50.4	99
18	Implications of Alternative Reproductive Modes for Seasonality and Demography in an Estuarine Polychaete. *Ecology*, **1990**, 71, 2191-2208	4.6	64
17	A review of methods for labeling and tracking marine invertebrate larvae. *Ophelia*, **1990**, 32, 115-144		88
16	The influence of hydrodynamic regime on infaunal assemblages inhabiting carbonate sediments on central Pacific seamounts. *Deep-sea Research Part A, Oceanographic Research Papers*, **1989**, 36, 1897-1915		26
15	Photoperiod and temperature regulation of growth and reproduction in Streblospio benedicti (Polychaeta: Spionidae). *Invertebrate Reproduction and Development*, **1989**, 15, 131-142	0.7	25
14	Evidence of the passive deposition of meiofauna into fiddler crab burrows. *Journal of Experimental Marine Biology and Ecology*, **1989**, 125, 173-192	2.1	55
13	The ecology of xenophyophores (Protista) on eastern Pacific seamounts. *Deep-sea Research Part A, Oceanographic Research Papers*, **1988**, 35, 2003-2027		62
12	Demographic Consequences of Larval Development Mode: Planktotrophy vs. Lecithotrophy in Streblospio Benedicti. *Ecology*, **1987**, 68, 1877-1886	4.6	59
11	EFFECTS OF ENRICHMENT ON REPRODUCTION IN THE OPPORTUNISTIC POLYCHAETESTREBLOSPIO BENEDICTI(WEBSTER): A MESOCOSM STUDY. *Biological Bulletin*, **1986**, 171, 143-160	1.5	53
10	MULTIPLE PATTERNS OF DEVELOPMENT INSTREBLOSPIO BENEDICTIWEBSTER (SPIONIDAE) FROM THREE COASTS OF NORTH AMERICA. *Biological Bulletin*, **1984**, 166, 494-508	1.5	115
9	Response of background fauna to disturbance and enrichment in the deep sea: a sediment tray experiment. *Deep-sea Research Part A, Oceanographic Research Papers*, **1984**, 31, 1277-1285		39
8	Life History and Dispersal Patterns in a Dense Infaunal Polychaete Assemblage: Community Structure and Response to Disturbance. *Ecology*, **1984**, 65, 1185-1200	4.6	152
7	Drift tube studies of bay-ocean water exchange and implications for larval dispersal. *Estuaries and Coasts*, **1983**, 6, 364		27
6	Interference interactions among tube-dwelling polychaetes in a dense infaunal assemblage. *Journal of Experimental Marine Biology and Ecology*, **1982**, 65, 107-119	2.1	67
5	The near future of the deep-sea floor ecosystems334-350		33
4	Connectivity in marine ecosystems: the importance of larval and spore dispersal184-212		7

3	Reduced Oxygen Impairs Photobehavior in Marine Invertebrate Larvae. *Biological Bulletin*,000-000	1.5	0
2	The forgotten ocean: Why COP26 must call for vastly greater ambition and urgency to address ocean change. *Aquatic Conservation: Marine and Freshwater Ecosystems*,	2.6	5
1	A new way forward for ocean-climate policy as reflected in the UNFCCC Ocean and Climate Change Dialogue submissions. *Climate Policy*,1-18	5.3	2