

James P Barry

List of Publications by Year in descending order

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43
papers

4,859
citations

218677

26
h-index

265206

42
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43
all docs

43
docs citations

43
times ranked

6916
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate Change Impacts on Marine Ecosystems. Annual Review of Marine Science, 2012, 4, 11-37.	11.6	2,117
2	The Effect of Ocean Acidification on Calcifying Organisms in Marine Ecosystems: An Organism-to-Ecosystem Perspective. Annual Review of Ecology, Evolution, and Systematics, 2010, 41, 127-147.	8.3	434
3	The influence of oceanographic processes on pelagic-benthic coupling in polar regions: A benthic perspective. Journal of Marine Systems, 1991, 2, 495-518.	2.1	244
4	Ocean acidification through the lens of ecological theory. Ecology, 2015, 96, 3-15.	3.2	237
5	Habitat heterogeneity, disturbance, and productivity work in concert to regulate biodiversity in deep submarine canyons. Ecology, 2010, 91, 964-976.	3.2	197
6	Ocean acidification can mediate biodiversity shifts by changing biogenic habitat. Nature Climate Change, 2017, 7, 81-85.	18.8	164
7	Biologic and geologic characteristics of cold seeps in Monterey Bay, California. Deep-Sea Research Part I: Oceanographic Research Papers, 1996, 43, 1739-1762.	1.4	142
8	Monterey Bay cold-seep biota: Assemblages, abundance, and ultrastructure of living foraminifera. Deep-Sea Research Part I: Oceanographic Research Papers, 2001, 48, 2233-2249.	1.4	124
9	Distribution patterns of benthic microalgal standing stock at McMurdo Sound, Antarctica. Polar Biology, 1986, 6, 207-213.	1.2	108
10	Physical Heterogeneity and the Organization of Marine Communities. Ecological Studies, 1991, , 270-320.	1.2	104
11	Effects of Direct Ocean CO ₂ Injection on Deep-Sea Meiofauna. Journal of Oceanography, 2004, 60, 759-766.	1.7	96
12	Trophic Ecology of the Dominant Fishes in Elkhorn Slough, California, 1974-1980. Estuaries and Coasts, 1996, 19, 115.	1.7	80
13	Temporal and Spatial Patterns in Abundance and Diversity of Fish Assemblages in Elkhorn Slough, California. Estuaries and Coasts, 1991, 14, 465.	1.7	56
14	Phylogenetic Affinity of a Wide, Vacuolate, Nitrate-Accumulating <i>Beggiatoa</i> sp. from Monterey Canyon, California, with <i>Thioploca</i> spp. Applied and Environmental Microbiology, 1999, 65, 270-277.	3.1	54
15	Diet, food preference, and algal availability for fishes and crabs on intertidal reef communities in southern California. Environmental Biology of Fishes, 1993, 37, 75-95.	1.0	49
16	Use of a Free Ocean CO ₂ Enrichment (FOCE) System to Evaluate the Effects of Ocean Acidification on the Foraging Behavior of a Deep-Sea Urchin. Environmental Science & Technology, 2014, 48, 9890-9897.	10.0	48
17	Monterey Bay cold seep biota: Euglenozoa with chemoautotrophic bacterial epibionts. European Journal of Protistology, 2000, 36, 117-126.	1.5	46
18	Oceanographic versus seafloor-habitat control of benthic megafaunal communities in the S.W. Ross Sea, Antarctica. Antarctic Research Series, 2003, , 327-353.	0.2	44

#	ARTICLE	IF	CITATIONS
19	Impact of intentionally injected carbon dioxide hydrate on deep-sea benthic foraminiferal survival. <i>Global Change Biology</i> , 2009, 15, 2078-2088.	9.5	41
20	Small-scale turbidity currents in a big submarine canyon. <i>Geology</i> , 2013, 41, 143-146.	4.4	41
21	Linking Direct Measurements of Turbidity Currents to Submarine Canyon-Floor Deposits. <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	40
22	Influence of Introduced CO ₂ on Deep-Sea Metazoan Meiofauna. <i>Journal of Oceanography</i> , 2004, 60, 767-772.	1.7	39
23	Utility of deep sea CO ₂ release experiments in understanding the biology of a high-CO ₂ ocean: Effects of hypercapnia on deep sea meiofauna. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	39
24	Growth, production, and mortality of the chemosynthetic vesicomyid bivalve, <i>Calyptogena kilmeri</i> from cold seeps off central California. <i>Marine Ecology</i> , 2007, 28, 169-182.	1.1	35
25	ATOC/Pioneer Seamount cable after 8 years on the seafloor: Observations, environmental impact. <i>Continental Shelf Research</i> , 2006, 26, 771-787.	1.8	31
26	CO ₂ -driven decrease in pH disrupts olfactory behaviour and increases individual variation in deep-sea hermit crabs. <i>ICES Journal of Marine Science</i> , 2016, 73, 613-619.	2.5	31
27	Multiple Processes Generate Productivity-Diversity Relationships in Experimental Wood-Fall Communities. <i>Ecology</i> , 2015, 97, 885-98.	3.2	26
28	Calcifying algae maintain settlement cues to larval abalone following algal exposure to extreme ocean acidification. <i>Scientific Reports</i> , 2017, 7, 5774.	3.3	26
29	Emergence in the deep sea: Evidence from harpacticoid copepods. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2007, 54, 1008-1014.	1.4	25
30	Effects of carbon dioxide sequestration on California margin deep-sea foraminiferal assemblages. <i>Marine Micropaleontology</i> , 2009, 72, 165-175.	1.2	24
31	Deep-sea faunal communities associated with a lost intermodal shipping container in the Monterey Bay National Marine Sanctuary, CA. <i>Marine Pollution Bulletin</i> , 2014, 83, 92-106.	5.0	24
32	Macroinvertebrate community assembly on deep-sea wood falls in Monterey Bay is strongly influenced by wood type. <i>Ecology</i> , 2016, 97, 3031-3043.	3.2	22
33	Abundance-occupancy relationships in deep sea wood fall communities. <i>Ecography</i> , 2017, 40, 1339-1347.	4.5	13
34	Increased energy differentially increases richness and abundance of optimal body sizes in deep-sea wood falls. <i>Ecology</i> , 2018, 99, 184-195.	3.2	12
35	Energetic increases lead to niche packing in deep-sea wood falls. <i>Biology Letters</i> , 2018, 14, 20180294.	2.3	11
36	<i>Thioploca</i> spp. sheaths as niches for bacterial and protistan assemblages. <i>Marine Ecology</i> , 2014, 35, 395-400.	1.1	8

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37	Effects of carbon dioxide on deep-sea harpacticoids revisited. Deep-Sea Research Part I: Oceanographic Research Papers, 2009, 56, 1018-1025.	1.4	7
38	Design, construction, and operation of an actively controlled deep-sea CO ₂ enrichment experiment using a cabled observatory system. Deep-Sea Research Part I: Oceanographic Research Papers, 2015, 97, 1-9.	1.4	6
39	Influence of habitat heterogeneity on the community structure of deep-sea harpacticoid communities from a canyon and an escarpment site on the continental rise off California. Deep-Sea Research Part I: Oceanographic Research Papers, 2017, 123, 56-61.	1.4	5
40	Symbiosis between the holothurian <i>Scotoplanes</i> sp. A and the lithodid crab <i>Neolithodes diomedae</i> on a featureless bathyal sediment plain. Marine Ecology, 2017, 38, e12396.	1.1	4
41	Boldness in a deep sea hermit crab to simulated tactile predator attacks is unaffected by ocean acidification. Ocean Science Journal, 2016, 51, 381-386.	1.3	3
42	Benthic carbon cycling in the Ross Sea Polynya, Antarctica: Benthic community metabolism and sediment tracers. Antarctic Research Series, 2003, , 313-326.	0.2	2
43	Living Assemblages from the "Dead Zone" and Naturally Occurring Hypoxic Zones. Cellular Origin and Life in Extreme Habitats, 2012, , 343-352.	0.3	0