James P Barry

List of Publications by Year
in descending order

43 papers	4,859 citations	218677 26 h-index	265206 42 g-index
43 all docs	43 docs citations	43 times ranked	6916 citing authors

#	Article	IF	Citations
1	Linking Direct Measurements of Turbidity Currents to Submarine Canyon-Floor Deposits. Frontiers in Earth Science, 2019, 7, .	1.8	40
2	Increased energy differentially increases richness and abundance of optimal body sizes in deepâ€sea wood falls. Ecology, 2018, 99, 184-195.	3.2	12
3	Energetic increases lead to niche packing in deep-sea wood falls. Biology Letters, 2018, 14, 20180294.	2.3	11
4	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
5	Calcifying algae maintain settlement cues to larval abalone following algal exposure to extreme ocean acidification. Scientific Reports, 2017, 7, 5774.	3.3	26
6	Abundanceâ€“occupancy relationships in deep sea wood fall communities. Ecography, 2017, 40, 1339-1347.	4.5	13
7	Symbiosis between the holothurian <i>Scotoplanes</i> sp. A and the lithodid crab <i>Neolithodes diomedeae</i> on a featureless bathyal sediment plain. Marine Ecology, 2017, 38, e12396.	1.1	4
8	Ocean acidification can mediate biodiversity shifts by changing biogenic habitat. Nature Climate Change, 2017, 7, 81-85.	18.8	164
9	Macroinvertebrate community assembly on deepâ€sea wood falls in Monterey Bay is strongly influenced by wood type. Ecology, 2016, 97, 3031-3043.	3.2	22
10	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
11	CO2-driven decrease in pH disrupts olfactory behaviour and increases individual variation in deep-sea hermit crabs. ICES Journal of Marine Science, 2016, 73, 613-619.	2.5	31
12	Multiple Processes Generate Productivity-Diversity Relationships in Experimental Wood-Fall Communities. Ecology, 2015, 97, 885-98.	3.2	26
13	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
14	Ocean acidification through the lens of ecological theory. Ecology, 2015, 96, 3-15.	3.2	237
15	Use of a Free Ocean CO₂ 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
16	<i><scp>T</scp>hioploca</i> spp. sheaths as niches for bacterial and protistan assemblages. Marine Ecology, 2014, 35, 395-400.	1.1	8
17	Deep-sea faunal communities associated with a lost intermodal shipping container in the Monterey Bay National Marine Sanctuary, CA. Marine Pollution Bulletin, 2014, 83, 92-106.	5.0	24
18	Small-scale turbidity currents in a big submarine canyon. Geology, 2013, 41, 143-146.	4.4	41

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19	Climate Change Impacts on Marine Ecosystems. Annual Review of Marine Science, 2012, 4, 11-37.	11.6	2,117
20	Living Assemblages from the â€œDead Zoneâ€•and Naturally Occurring Hypoxic Zones. Cellular Origin and Life in Extreme Habitats, 2012, , 343-352.	0.3	0
21	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
22	Habitat heterogeneity, disturbance, and productivity work in concert to regulate biodiversity in deep submarine canyons. Ecology, 2010, 91, 964-976.	3.2	197
23	Effects of carbon dioxide sequestration on California margin deep-sea foraminiferal assemblages. Marine Micropaleontology, 2009, 72, 165-175.	1.2	24
24	Impact of intentionally injected carbon dioxide hydrate on deepâ€sea benthic foraminiferal survival. Global Change Biology, 2009, 15, 2078-2088.	9.5	41
25	Effects of carbon dioxide on deep-sea harpacticoids revisited. Deep-Sea Research Part I: Oceanographic Research Papers, 2009, 56, 1018-1025.	1.4	7
26	Emergence in the deep sea: Evidence from harpacticoid copepods. Deep-Sea Research Part I: Oceanographic Research Papers, 2007, 54, 1008-1014.	1.4	25
27	Growth, production, and mortality of the chemosynthetic vesicomyid bivalve, Calyptogena kilmeri from cold seeps off central California. Marine Ecology, 2007, 28, 169-182.	1.1	35
28	ATOC/Pioneer Seamount cable after 8 years on the seafloor: Observations, environmental impact. Continental Shelf Research, 2006, 26, 771-787.	1.8	31
29	Utility of deep sea CO2release experiments in understanding the biology of a high-CO2ocean: Effects of hypercapnia on deep sea meiofauna. Journal of Geophysical Research, 2005, 110, .	3.3	39
30	Effects of Direct Ocean CO2 Injection on Deep-Sea Meiofauna. Journal of Oceanography, 2004, 60, 759-766.	1.7	96
31	Influence of Introduced CO2 on Deep-Sea Metazoan Meiofauna. Journal of Oceanography, 2004, 60, 767-772.	1.7	39
32	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
33	Benthic carbon cycling in the Ross Sea Polynya, Antarctica: Benthic community metabolism and sediment tracers. Antarctic Research Series, 2003, , 313-326.	0.2	2
34	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
35	Monterey Bay cold seep biota: Euglenozoa with chemoautotrophic bacterial epibionts. European Journal of Protistology, 2000, 36, 117-126.	1.5	46
36	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

#	Article	IF	Citations
37	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
38	Trophic Ecology of the Dominant Fishes in Elkhorn Slough, California, 1974-1980. Estuaries and Coasts, 1996, 19, 115.	1.7	80
39	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
40	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
41	Temporal and Spatial Patterns in Abundance and Diversity of Fish Assemblages in Elkhorn Slough, California. Estuaries and Coasts, 1991, 14, 465.	1.7	56
42	Physical Heterogeneity and the Organization of Marine Communities. Ecological Studies, 1991, , 270-320.	1.2	104
43	Distribution patterns of benthic microalgal standing stock at McMurdo Sound, Antarctica. Polar Biology, 1986, 6, 207-213.	1.2	108