

James J Pierson

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,401
citations

279701

23
h-index

345118

36
g-index

52
all docs

52
docs citations

52
times ranked

1550
citing authors

#	ARTICLE	IF	CITATIONS
1	The North Atlantic Ocean as habitat for <i>Calanus finmarchicus</i> : Environmental factors and life history traits. <i>Progress in Oceanography</i> , 2014, 129, 244-284.	1.5	163
2	Interactive Effects of Hypoxia and Temperature on Coastal Pelagic Zooplankton and Fish. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	114
3	DNA barcodes for species identification of euphausiids (Euphausiacea, Crustacea). <i>Journal of Plankton Research</i> , 2007, 29, 483-493.	0.8	81
4	Mixotrophy in <i>Heterocapsa rotundata</i> : A mechanism for dominating the winter phytoplankton. <i>Limnology and Oceanography</i> , 2017, 62, 836-845.	1.6	73
5	Copepod grazing during spring blooms: Does <i>Calanus pacificus</i> avoid harmful diatoms?. <i>Progress in Oceanography</i> , 2005, 67, 384-405.	1.5	57
6	Reproduction of <i>Pseudocalanus newmani</i> (Copepoda: Calanoida) is deleteriously affected by diatom blooms – A field study. <i>Progress in Oceanography</i> , 2005, 67, 332-348.	1.5	57
7	Relationship between environmental conditions and zooplankton community structure during summer hypoxia in the northern Gulf of Mexico. <i>Journal of Plankton Research</i> , 2012, 34, 602-613.	0.8	55
8	Impacts of Hypoxia on Zooplankton Spatial Distributions in the Northern Gulf of Mexico. <i>Estuaries and Coasts</i> , 2012, 35, 1261-1269.	1.0	51
9	Macondo-derived polycyclic aromatic hydrocarbons in mesozooplankton from the northern Gulf of Mexico. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	47
10	Reproductive success of <i>Calanus pacificus</i> during diatom blooms in Dabob Bay, Washington. <i>Progress in Oceanography</i> , 2005, 67, 314-331.	1.5	43
11	Modelling the timing and duration of dormancy in populations of <i>Calanus finmarchicus</i> from the Northwest Atlantic shelf. <i>Journal of Plankton Research</i> , 2012, 34, 36-54.	0.8	42
12	Copepods and hypoxia in Chesapeake Bay: abundance, vertical position and non-predatory mortality. <i>Journal of Plankton Research</i> , 2013, 35, 1027-1034.	0.8	41
13	Winter-spring phytoplankton blooms in Dabob Bay, Washington. <i>Progress in Oceanography</i> , 2005, 67, 286-313.	1.5	38
14	Quantifying changes in the vertical distribution of mesozooplankton in response to hypoxic bottom waters. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 381, S74-S79.	0.7	37
15	Copepod grazing during spring blooms: Can <i>Pseudocalanus newmani</i> induce trophic cascades?. <i>Progress in Oceanography</i> , 2005, 67, 406-421.	1.5	36
16	A comparison of the mesozooplankton response to hypoxia in Chesapeake Bay and the northern Gulf of Mexico using the biomass size spectrum. <i>Journal of Experimental Marine Biology and Ecology</i> , 2009, 381, S65-S73.	0.7	35
17	The balance between microzooplankton grazing and phytoplankton growth in a highly productive estuarine fjord. <i>Progress in Oceanography</i> , 2005, 67, 366-383.	1.5	33
18	Diatom-produced allelochemicals trigger trophic cascades in the planktonic food web. <i>Limnology and Oceanography</i> , 2018, 63, 1093-1108.	1.6	33

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19	Copepod foraging and predation risk within the surface layer during night-time feeding forays. <i>Journal of Plankton Research</i> , 2005, 27, 987-1001.	0.8	32
20	The vertical distribution and diel variability of mesozooplankton biomass, abundance and size in response to hypoxia in the northern Gulf of Mexico USA. <i>Journal of Plankton Research</i> , 2010, 32, 1185-1202.	0.8	29
21	An experimental approach to estimate egg production and development rate of the calanoid copepod <i>Eurytemora affinis</i> in Chesapeake Bay, USA. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 416-417, 72-83.	0.7	29
22	The impact of increasing temperatures on dormancy duration in <i>Calanus finmarchicus</i> . <i>Journal of Plankton Research</i> , 2013, 35, 504-512.	0.8	28
23	The Effect of Dissolved Polyunsaturated Aldehydes on Microzooplankton Growth Rates in the Chesapeake Bay and Atlantic Coastal Waters. <i>Marine Drugs</i> , 2015, 13, 2834-2856.	2.2	27
24	Predicting the Effects of Coastal Hypoxia on Vital Rates of the Planktonic Copepod <i>Acartia tonsa</i> Dana. <i>PLoS ONE</i> , 2013, 8, e63987.	1.1	25
25	Predation on protozoa: its importance to zooplankton revisited. <i>Journal of Plankton Research</i> , 2019, 41, 367-373.	0.8	24
26	Top-down control by micro- and mesozooplankton on winter dinoflagellate blooms of <i>Heterocapsa rotundata</i> . <i>Aquatic Microbial Ecology</i> , 2015, 76, 15-25.	0.9	23
27	Vertical distribution and abundance of <i>Calanus pacificus</i> and <i>Pseudocalanus newmani</i> in relation to chlorophyll a concentrations in Dabob Bay, Washington. <i>Progress in Oceanography</i> , 2005, 67, 349-365.	1.5	17
28	Reproductive isolation and morphological divergence between cryptic lineages of the copepod <i>Acartia tonsa</i> in Chesapeake Bay. <i>Marine Ecology - Progress Series</i> , 2018, 597, 99-113.	0.9	17
29	Temperature Impacts on <i>Eurytemora carolleeae</i> Size and Vital Rates in the Upper Chesapeake Bay in Winter. <i>Estuaries and Coasts</i> , 2016, 39, 1122-1132.	1.0	14
30	Synergistic effects of seasonal deoxygenation and temperature truncate copepod vertical migration and distribution. <i>Marine Ecology - Progress Series</i> , 2017, 575, 57-68.	0.9	12
31	Long-Term Seasonal Trends in the Prey Community of Delta Smelt (<i>Hypomesus transpacificus</i>) Within the Sacramento-San Joaquin Delta, California. <i>Estuaries and Coasts</i> , 2016, 39, 1526-1536.	1.0	10
32	Water temperature during winter may control striped bass recruitment during spring by affecting the development time of copepod nauplii. <i>ICES Journal of Marine Science</i> , 2020, 77, 300-314.	1.2	10
33	Fewer Copepods, Fewer Anchovies, and More Jellyfish: How Does Hypoxia Impact the Chesapeake Bay Zooplankton Community?. <i>Diversity</i> , 2020, 12, 35.	0.7	10
34	Composition, Abundance, and Life History of Mysids (Crustacea: Mysida) in the Coastal Lagoons of MD, USA. <i>Estuaries and Coasts</i> , 2017, 40, 224-234.	1.0	9
35	Trapping migrating zooplankton. <i>Limnology and Oceanography: Methods</i> , 2009, 7, 334-346.	1.0	8
36	The lost generation of <i>Calanus pacificus</i> : Is the diatom effect responsible?. <i>Limnology and Oceanography</i> , 2007, 52, 2089-2098.	1.6	7

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37	Fish Diet Shifts Associated with the Northern Gulf of Mexico Hypoxic Zone. <i>Estuaries and Coasts</i> , 2019, 42, 2170-2183.	1.0	7
38	Foray foraging behavior: seasonally variable, food-driven migratory behavior in two calanoid copepod species. <i>Marine Ecology - Progress Series</i> , 2013, 475, 49-64.	0.9	5
39	Physiological Responses of the Copepods <i>Acartia tonsa</i> and <i>Eurytemora carolleeae</i> to Changes in the Nitrogen:Phosphorus Quality of Their Food. <i>Nitrogen</i> , 2021, 2, 62-85.	0.6	4
40	A note on the survival and feeding of copepod nauplii (<i>Eurytemora carolleeae</i>) on the dinoflagellate <i>Heterocapsa rotundata</i> . <i>Journal of Plankton Research</i> , 0, , fbv090.	0.8	3
41	Elevated temperature and low pH affect the development, reproduction, and feeding preference of the tropical cyclopoid copepod <i>Oithona rigida</i> . <i>International Journal of Environmental Studies</i> , 2023, 80, 1704-1720.	0.7	3
42	Factors Controlling Calanoid Copepod Biomass and Distribution in the Upper San Francisco Estuary and Implications for Managing the Imperiled Delta Smelt (<i>Hypomesus transpacificus</i>). <i>Environmental Management</i> , 2020, 65, 587-601.	1.2	2
43	Biogeography of key mesozooplankton species in the North Atlantic and egg production of <i>Calanus finmarchicus</i> . <i>Earth System Science Data</i> , 2015, 7, 223-230.	3.7	1
44	Copepod habitat suitability estimates vary among oxygen metrics in Chesapeake Bay. <i>ICES Journal of Marine Science</i> , 2022, 79, 855-867.	1.2	1
45	<i>Marine Plankton Communities</i> . , 2019, , 574-581.		0