

# James J Pierson

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

1,401  
citations

279798

23  
h-index

345221

36  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1550  
citing authors

#	ARTICLE	IF	CITATIONS
1	Elevated temperature and low pH affect the development, reproduction, and feeding preference of the tropical cyclopoid copepod <i>Oithona rigida</i> . International Journal of Environmental Studies, 2023, 80, 1704-1720.	1.6	3
2	Copepod habitat suitability estimates vary among oxygen metrics in Chesapeake Bay. ICES Journal of Marine Science, 2022, 79, 855-867.	2.5	1
3	Physiological Responses of the Copepods <i>Acartia tonsa</i> and <i>Eurytemora carolleeae</i> to Changes in the Nitrogen:Phosphorus Quality of Their Food. Nitrogen, 2021, 2, 62-85.	1.3	4
4	Water temperature during winter may control striped bass recruitment during spring by affecting the development time of copepod nauplii. ICES Journal of Marine Science, 2020, 77, 300-314.	2.5	10
5	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> ). Environmental Management, 2020, 65, 587-601.	2.7	2
6	Fewer Copepods, Fewer Anchovies, and More Jellyfish: How Does Hypoxia Impact the Chesapeake Bay Zooplankton Community?. Diversity, 2020, 12, 35.	1.7	10
7	Predation on protozoa: its importance to zooplankton revisited. Journal of Plankton Research, 2019, 41, 367-373.	1.8	24
8	Fish Diet Shifts Associated with the Northern Gulf of Mexico Hypoxic Zone. Estuaries and Coasts, 2019, 42, 2170-2183.	2.2	7
9	Interactive Effects of Hypoxia and Temperature on Coastal Pelagic Zooplankton and Fish. Frontiers in Marine Science, 2019, 6, .	2.5	114
10	Marine Plankton Communities. , 2019, , 574-581.		0
11	Diatom-produced allelochemicals trigger trophic cascades in the planktonic food web. Limnology and Oceanography, 2018, 63, 1093-1108.	3.1	33
12	Reproductive isolation and morphological divergence between cryptic lineages of the copepod <i>Acartia tonsa</i> in Chesapeake Bay. Marine Ecology - Progress Series, 2018, 597, 99-113.	1.9	17
13	Composition, Abundance, and Life History of Mysids (Crustacea: Mysida) in the Coastal Lagoons of MD, USA. Estuaries and Coasts, 2017, 40, 224-234.	2.2	9
14	Mixotrophy in <i>Heterocapsa rotundata</i> : A mechanism for dominating the winter phytoplankton. Limnology and Oceanography, 2017, 62, 836-845.	3.1	73
15	Synergistic effects of seasonal deoxygenation and temperature truncate copepod vertical migration and distribution. Marine Ecology - Progress Series, 2017, 575, 57-68.	1.9	12
16	Temperature Impacts on <i>Eurytemora carolleeae</i> Size and Vital Rates in the Upper Chesapeake Bay in Winter. Estuaries and Coasts, 2016, 39, 1122-1132.	2.2	14
17	Long-Term Seasonal Trends in the Prey Community of Delta Smelt ( <i>Hypomesus transpacificus</i> ) Within the Sacramento-San Joaquin Delta, California. Estuaries and Coasts, 2016, 39, 1526-1536.	2.2	10
18	The Effect of Dissolved Polyunsaturated Aldehydes on Microzooplankton Growth Rates in the Chesapeake Bay and Atlantic Coastal Waters. Marine Drugs, 2015, 13, 2834-2856.	4.6	27

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19	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.	1.8	23
20	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.	9.9	1
21	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.	3.2	163
22	Copepods and hypoxia in Chesapeake Bay: abundance, vertical position and non-predatory mortality. <i>Journal of Plankton Research</i> , 2013, 35, 1027-1034.	1.8	41
23	The impact of increasing temperatures on dormancy duration in <i>Calanus finmarchicus</i> . <i>Journal of Plankton Research</i> , 2013, 35, 504-512.	1.8	28
24	Foray foraging behavior: seasonally variable, food-driven migratory behavior in two calanoid copepod species. <i>Marine Ecology - Progress Series</i> , 2013, 475, 49-64.	1.9	5
25	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.	2.5	25
26	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.	1.8	55
27	Macondo-derived polycyclic aromatic hydrocarbons in mesozooplankton from the northern Gulf of Mexico. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	47
28	Impacts of Hypoxia on Zooplankton Spatial Distributions in the Northern Gulf of Mexico. <i>Estuaries and Coasts</i> , 2012, 35, 1261-1269.	2.2	51
29	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.	1.8	42
30	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.	1.5	29
31	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.	1.8	29
32	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.	1.5	35
33	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.	1.5	37
34	Trapping migrating zooplankton. <i>Limnology and Oceanography: Methods</i> , 2009, 7, 334-346.	2.0	8
35	The lost generation of <i>Calanus pacificus</i> : Is the diatom effect responsible?. <i>Limnology and Oceanography</i> , 2007, 52, 2089-2098.	3.1	7
36	DNA barcodes for species identification of euphausiids (Euphausiacea, Crustacea). <i>Journal of Plankton Research</i> , 2007, 29, 483-493.	1.8	81

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37	Reproductive success of <i>Calanus pacificus</i> during diatom blooms in Dabob Bay, Washington. <i>Progress in Oceanography</i> , 2005, 67, 314-331.	3.2	43
38	Winter-spring phytoplankton blooms in Dabob Bay, Washington. <i>Progress in Oceanography</i> , 2005, 67, 286-313.	3.2	38
39	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.	3.2	17
40	The balance between microzooplankton grazing and phytoplankton growth in a highly productive estuarine fjord. <i>Progress in Oceanography</i> , 2005, 67, 366-383.	3.2	33
41	Copepod grazing during spring blooms: Does <i>Calanus pacificus</i> avoid harmful diatoms?. <i>Progress in Oceanography</i> , 2005, 67, 384-405.	3.2	57
42	Copepod grazing during spring blooms: Can <i>Pseudocalanus newmani</i> induce trophic cascades?. <i>Progress in Oceanography</i> , 2005, 67, 406-421.	3.2	36
43	Copepod foraging and predation risk within the surface layer during night-time feeding forays. <i>Journal of Plankton Research</i> , 2005, 27, 987-1001.	1.8	32
44	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.	3.2	57
45	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.	1.8	3