

# Paul K Dayton

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

10,235  
citations

159585

30  
h-index

233421

45  
g-index

53  
all docs

53  
docs citations

53  
times ranked

7325  
citing authors

#	ARTICLE	IF	CITATIONS
1	Competition, Disturbance, and Community Organization: The Provision and Subsequent Utilization of Space in a Rocky Intertidal Community. <i>Ecological Monographs</i> , 1971, 41, 351-389.	5.4	2,068
2	Biological Accommodation in the Benthic Community at McMurdo Sound, Antarctica. <i>Ecological Monographs</i> , 1974, 44, 105-128.	5.4	628
3	Environmental effects of marine fishing. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 1995, 5, 205-232.	2.0	602
4	Experimental Evaluation of Ecological Dominance in a Rocky Intertidal Algal Community. <i>Ecological Monographs</i> , 1975, 45, 137-159.	5.4	595
5	Disturbance to Marine Benthic Habitats by Trawling and Dredging: Implications for Marine Biodiversity. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2002, 33, 449-473.	6.7	588
6	Patch Dynamics and Stability of Some California Kelp Communities. <i>Ecological Monographs</i> , 1984, 54, 253-289.	5.4	493
7	SLIDING BASELINES, GHOSTS, AND REDUCED EXPECTATIONS IN KELP FOREST COMMUNITIES. , 1998, 8, 309-322.		409
8	Dangerous targets? Unresolved issues and ideological clashes around marine protected areas. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2003, 13, 353-367.	2.0	399
9	Corals on seamount peaks provide evidence of current acceleration over deep-sea topography. <i>Nature</i> , 1986, 322, 59-61.	27.8	392
10	Temporal and Spatial Patterns of Disturbance and Recovery in a Kelp Forest Community. <i>Ecological Monographs</i> , 1992, 62, 421-445.	5.4	370
11	A General Model for Designing Networks of Marine Reserves. <i>Science</i> , 2002, 298, 1991-1993.	12.6	332
12	Marine protected areas and ocean basin management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2000, 10, 437-458.	2.0	304
13	TEMPORAL AND SPATIAL SCALES OF KELP DEMOGRAPHY: THE ROLE OF OCEANOGRAPHIC CLIMATE. <i>Ecological Monographs</i> , 1999, 69, 219-250.	5.4	253
14	Principles for the Conservation of Wild Living Resources. , 1996, 6, 338-362.		236
15	El Niño Effects on Southern California Kelp Forest Communities. <i>Advances in Ecological Research</i> , 1987, 17, 243-279.	2.7	202
16	No-take Reserve Networks: Sustaining Fishery Populations and Marine Ecosystems. <i>Fisheries</i> , 1999, 24, 11-25.	0.8	196
17	Dispersion, Dispersal, and Persistence of the Annual Intertidal Alga, <i>Postelsia palmaeformis</i> Ruprecht. <i>Ecology</i> , 1973, 54, 433-438.	3.2	189
18	The Structure and Regulation of Some South American Kelp Communities. <i>Ecological Monographs</i> , 1985, 55, 447-468.	5.4	184

#	ARTICLE	IF	CITATIONS
19	The Importance of the Natural Sciences to Conservation. <i>American Naturalist</i> , 2003, 162, 1-13.	2.1	184
20	Forecasting the limits of resilience: integrating empirical research with theory. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 3209-3217.	2.6	182
21	Two Cases of Resource Partitioning in an Intertidal Community: Making the Right Prediction for the Wrong Reason. <i>American Naturalist</i> , 1973, 107, 662-670.	2.1	154
22	The Effect of Spatial and Temporal Heterogeneity on the Design and Analysis of Empirical Studies of Scale-Dependent Systems. <i>American Naturalist</i> , 2007, 169, 398-408.	2.1	151
23	Polar Benthos. , 1990, , 631-685.		121
24	OCEAN WARMING EFFECTS ON GROWTH, REPRODUCTION, AND SURVIVORSHIP OF SOUTHERN CALIFORNIA ABALONE. , 2005, 15, 469-480.		118
25	Distribution patterns of benthic microalgal standing stock at McMurdo Sound, Antarctica. <i>Polar Biology</i> , 1986, 6, 207-213.	1.2	108
26	Physical Heterogeneity and the Organization of Marine Communities. <i>Ecological Studies</i> , 1991, , 270-320.	1.2	104
27	ON THE EVOLUTION OF ECOLOGICAL IDEAS: PARADIGMS AND SCIENTIFIC PROGRESS. <i>Ecology</i> , 2002, 83, 1481-1489.	3.2	81
28	The response of giant kelp ( <i>Macrocystis pyrifera</i> ) in southern California to low-frequency climate forcing. <i>Limnology and Oceanography</i> , 2010, 55, 2686-2702.	3.1	69
29	A unique assemblage of epibenthic sessile suspension feeders with archaic features in the high-Antarctic. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2006, 53, 1029-1052.	1.4	68
30	Recruitment, Growth and Mortality of an Antarctic Hexactinellid Sponge, <i>Anoxycalyx joubini</i> . <i>PLoS ONE</i> , 2013, 8, e56939.	2.5	68
31	Marine Reserve Design: Optimal Size, Habitats, Species Affinities, Diversity, And Ocean Microclimate. , 2006, 16, 945-962.		60
32	Spatial patterns of fishing effort off San Diego: implications for zonal management and ecosystem function. <i>Ecological Applications</i> , 2010, 20, 2203-2222.	3.8	59
33	ARRESTED DEVELOPMENT OF GIANT KELP ( <i>MACROCYSTIS PYRIFERA</i> , PHAEOPHYCEAE) EMBRYONIC SPOROPHYTES: A MECHANISM FOR DELAYED RECRUITMENT IN PERENNIAL KELPS?1. <i>Journal of Phycology</i> , 2003, 39, 47-57.	2.3	52
34	Kelp forests at the end of the earth: 45 years later. <i>PLoS ONE</i> , 2020, 15, e0229259.	2.5	41
35	Bottoms Beneath Troubled Waters: Benthic Impacts of the 1982-1984 El Niño in the Temperate Zone. <i>Elsevier Oceanography Series</i> , 1990, , 433-472.	0.1	36
36	Benthic responses to an Antarctic regime shift: food particle size and recruitment biology. <i>Ecological Applications</i> , 2019, 29, e01823.	3.8	30

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37	Necessary elements of precautionary management: implications for the Antarctic toothfish. <i>Fish and Fisheries</i> , 2016, 17, 1152-1174.	5.3	20
38	Tidal Flat Macrofaunal Communities and Their Associated Environments in Estuaries of Southern California and Northern Baja California, Mexico. <i>Estuaries and Coasts</i> , 2000, 23, 97.	1.7	16
39	First evidence of microbial wood degradation in the coastal waters of the Antarctic. <i>Scientific Reports</i> , 2020, 10, 12774.	3.3	16
40	Unusual coastal flood impacts in Salmon Valley, McMurdo Sound, Antarctica. <i>Antarctic Science</i> , 2016, 28, 269-275.	0.9	13
41	Predicting strong community impacts using experimental estimates of <i>per capita</i> interaction strength: benthic herbivores and giant kelp recruitment. <i>Marine Ecology</i> , 2011, 32, 300-312.	1.1	12
42	Antarctic Marine Animal Forests: Three-Dimensional Communities in Southern Ocean Ecosystems. , 2017, , 315-344.		6
43	Paradigms in Ecology: Past, Present, and Future <sup>1</sup> . <i>Ecology</i> , 2002, 83, 1479-1480.	3.2	4
44	Rossella podagrosa Kirkpatrick, 1907â€”A valid species after all. <i>Zootaxa</i> , 2015, 4021, 169-77.	0.5	4
45	Adventures scaling the realized niche, saving the world, and searching for values. <i>ICES Journal of Marine Science</i> , 2020, 77, 1648-1657.	2.5	4
46	Temporal and Spatial Scales of Kelp Demography: The Role of Oceanographic Climate. <i>Ecological Monographs</i> , 1999, 69, 219.	5.4	4
47	A keystone ecologist: Robert Treat Paine, 1933â€”2016. <i>Ecology</i> , 2016, 97, 2905-2909.	3.2	3
48	Bacteria defend carrion from scavengers. <i>Antarctic Science</i> , 2019, 31, 13-15.	0.9	3
49	Stable isotope ratios of egg albumen of three waterbird species nesting in the Colorado River Delta indicate differences in foraging ground and isotopic niche breadth. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2013, 23, 546-563.	2.0	2
50	Long-term persistence of wood on the sea floor at McMurdo Sound, Antarctica. <i>Antarctic Science</i> , 2018, 30, 355-356.	0.9	1
51	A hagfish at Salmon Bay, McMurdo Sound, Antarctica?. <i>Antarctic Science</i> , 2018, 30, 243-244.	0.9	1