

Paul K Dayton

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

8,207
citations

33
h-index

53
g-index

53
ext. papers

8,797
ext. citations

5.9
avg, IF

5.8
L-index

#	Paper	IF	Citations
51	Kelp forests at the end of the earth: 45 years later. <i>PLoS ONE</i> , 2020 , 15, e0229259	3.7	19
50	Adventures scaling the realized niche, saving the world, and searching for values. <i>ICES Journal of Marine Science</i> , 2020 , 77, 1648-1657	2.7	1
49	First evidence of microbial wood degradation in the coastal waters of the Antarctic. <i>Scientific Reports</i> , 2020 , 10, 12774	4.9	6
48	Benthic responses to an Antarctic regime shift: food particle size and recruitment biology. <i>Ecological Applications</i> , 2019 , 29, e01823	4.9	19
47	Bacteria defend carrion from scavengers. <i>Antarctic Science</i> , 2019 , 31, 13-15	1.7	2
46	A hagfish at Salmon Bay, McMurdo Sound, Antarctica?. <i>Antarctic Science</i> , 2018 , 30, 243-244	1.7	1
45	Long-term persistence of wood on the sea floor at McMurdo Sound, Antarctica. <i>Antarctic Science</i> , 2018 , 30, 355-356	1.7	1
44	Antarctic Marine Animal Forests: Three-Dimensional Communities in Southern Ocean Ecosystems 2017 , 315-344		4
43	A keystone ecologist: Robert Treat Paine, 1933-2016. <i>Ecology</i> , 2016 , 97, 2905-2909	4.6	1
42	Necessary elements of precautionary management: implications for the Antarctic toothfish. <i>Fish and Fisheries</i> , 2016 , 17, 1152-1174	6	17
41	Unusual coastal flood impacts in Salmon Valley, McMurdo Sound, Antarctica. <i>Antarctic Science</i> , 2016 , 28, 269-275	1.7	10
40	Rossella podagrosa Kirkpatrick, 1907-A valid species after all. <i>Zootaxa</i> , 2015 , 4021, 169-77	0.5	4
39	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	2.6	1
38	Recruitment, growth and mortality of an Antarctic hexactinellid sponge, <i>Anoxycalyx joubini</i> . <i>PLoS ONE</i> , 2013 , 8, e56939	3.7	52
37	Predicting strong community impacts using experimental estimates of per capita interaction strength: benthic herbivores and giant kelp recruitment. <i>Marine Ecology</i> , 2011 , 32, 300-312	1.4	10
36	Spatial patterns of fishing effort off San Diego: implications for zonal management and ecosystem function 2010 , 20, 2203-22		41
35	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	4.8	52

34	Forecasting the limits of resilience: integrating empirical research with theory. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009 , 276, 3209-17	4.4	160
33	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	3.7	133
32	Marine reserve design: optimal size, habitats, species affinities, diversity, and ocean microclimate 2006 , 16, 945-62		48
31	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	2.3	60
30	OCEAN WARMING EFFECTS ON GROWTH, REPRODUCTION, AND SURVIVORSHIP OF SOUTHERN CALIFORNIA ABALONE 2005 , 15, 469-480		81
29	Dangerous targets? Unresolved issues and ideological clashes around marine protected areas. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2003 , 13, 353-367	2.6	342
28	ARRESTED DEVELOPMENT OF GIANT KELP (MACROCYSTIS PYRIFERA, PHAEOPHYCEAE) EMBRYONIC SPOROPHYTES: A MECHANISM FOR DELAYED RECRUITMENT IN PERENNIAL KELPS?1. <i>Journal of Phycology</i> , 2003 , 39, 47-57	3	43
27	The importance of the natural sciences to conservation: (an American Society of Naturalists symposium paper). <i>American Naturalist</i> , 2003 , 162, 1-13	3.7	155
26	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		453
25	Paradigms in Ecology: Past, Present, and Future1. <i>Ecology</i> , 2002 , 83, 1479-1480	4.6	1
24	ON THE EVOLUTION OF ECOLOGICAL IDEAS: PARADIGMS AND SCIENTIFIC PROGRESS. <i>Ecology</i> , 2002 , 83, 1481-1489	4.6	63
23	A general model for designing networks of marine reserves. <i>Science</i> , 2002 , 298, 1991-3	33.3	293
22	Marine protected areas and ocean basin management. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2000 , 10, 437-458	2.6	253
21	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		10
20	No-take Reserve Networks: Sustaining Fishery Populations and Marine Ecosystems. <i>Fisheries</i> , 1999 , 24, 11-25	1.1	160
19	TEMPORAL AND SPATIAL SCALES OF KELP DEMOGRAPHY: THE ROLE OF OCEANOGRAPHIC CLIMATE. <i>Ecological Monographs</i> , 1999 , 69, 219-250	9	194
18	TEMPORAL AND SPATIAL SCALES OF KELP DEMOGRAPHY: THE ROLE OF OCEANOGRAPHIC CLIMATE 1999 , 69, 219		3
17	SLIDING BASELINES, GHOSTS, AND REDUCED EXPECTATIONS IN KELP FOREST COMMUNITIES 1998 , 8, 309-322		310

16	Principles for the Conservation of Wild Living Resources 1996 , 6, 338-362		162
15	Environmental effects of marine fishing. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 1995 , 5, 205-232	2.6	488
14	Temporal and Spatial Patterns of Disturbance and Recovery in a Kelp Forest Community. <i>Ecological Monographs</i> , 1992 , 62, 421-445	9	298
13	Physical Heterogeneity and the Organization of Marine Communities. <i>Ecological Studies</i> , 1991 , 270-320	1.1	67
12	Bottoms Beneath Troubled Waters: Benthic Impacts of the 1982-1984 El Niño in the Temperate Zone. <i>Elsevier Oceanography Series</i> , 1990 , 433-472		21
11	Polar Benthos 1990 , 631-685		116
10	El Niño Effects on Southern California Kelp Forest Communities. <i>Advances in Ecological Research</i> , 1987 , 17, 243-279	4.6	146
9	Distribution patterns of benthic microalgal standing stock at McMurdo Sound, Antarctica. <i>Polar Biology</i> , 1986 , 6, 207-213	2	90
8	Corals on seamount peaks provide evidence of current acceleration over deep-sea topography. <i>Nature</i> , 1986 , 322, 59-61	50.4	304
7	The Structure and Regulation of Some South American Kelp Communities. <i>Ecological Monographs</i> , 1985 , 55, 447-468	9	150
6	Patch Dynamics and Stability of Some California Kelp Communities. <i>Ecological Monographs</i> , 1984 , 54, 253-289	9	439
5	Experimental Evaluation of Ecological Dominance in a Rocky Intertidal Algal Community. <i>Ecological Monographs</i> , 1975 , 45, 137-159	9	501
4	Biological Accommodation in the Benthic Community at McMurdo Sound, Antarctica. <i>Ecological Monographs</i> , 1974 , 44, 105-128	9	453
3	Dispersion, Dispersal, and Persistence of the Annual Intertidal Alga, <i>Postelsia Palmaeformis</i> Ruprecht. <i>Ecology</i> , 1973 , 54, 433-438	4.6	137
2	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	3.7	121
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	9	1711