

# Kendall D Clements

## List of Publications by Year in descending order

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88  
papers

4,023  
citations

117453

34  
h-index

128067

60  
g-index

88  
all docs

88  
docs citations

88  
times ranked

3775  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intestinal microbiota in fishes: what's known and what's not. <i>Molecular Ecology</i> , 2014, 23, 1891-1898.	2.0	274
2	The largest bacterium. <i>Nature</i> , 1993, 362, 239-241.	13.7	218
3	Nutritional ecology of marine herbivorous fishes: ten years on. <i>Functional Ecology</i> , 2009, 23, 79-92.	1.7	212
4	VERTEBRATE HERBIVORES IN MARINE AND TERRESTRIAL ENVIRONMENTS: A Nutritional Ecology Perspective. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 1998, 29, 375-403.	6.7	191
5	The trophic status of herbivorous fishes on coral reefs. <i>Marine Biology</i> , 2004, 145, 445.	0.7	174
6	Specimen collection: An essential tool. <i>Science</i> , 2014, 344, 814-815.	6.0	169
7	Hindgut Fermentation in Three Species of Marine Herbivorous Fish. <i>Applied and Environmental Microbiology</i> , 2002, 68, 1374-1380.	1.4	144
8	Extreme polyploidy in a large bacterium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6730-6734.	3.3	135
9	Local phylogenetic divergence and global evolutionary convergence of skull function in reef fishes of the family Labridae. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2005, 272, 993-1000.	1.2	111
10	Detritus as food for grazing fishes on coral reefs. <i>Limnology and Oceanography</i> , 2001, 46, 1596-1605.	1.6	106
11	Patterns and processes in the evolutionary history of parrotfishes (Family Labridae). <i>Biological Journal of the Linnean Society</i> , 2012, 107, 529-557.	0.7	105
12	Integrating ecological roles and trophic diversification on coral reefs: multiple lines of evidence identify parrotfishes as microphages. <i>Biological Journal of the Linnean Society</i> , 2016, , .	0.7	101
13	Disaptation and recovery in the evolution of Antarctic fishes. <i>Trends in Ecology and Evolution</i> , 2000, 15, 267-271.	4.2	89
14	Short-chain fatty acid metabolism in temperate marine herbivorous fish. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1994, 164, 372-377.	0.7	81
15	Fermentation and Gastrointestinal Microorganisms in Fishes. , 1997, , 156-198.		78
16	Temperature sensitivity of cardiac mitochondria in intertidal and subtidal triplefin fishes. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2010, 180, 979-990.	0.7	73
17	Acid lysis of macroalgae by marine herbivorous fishes: effects of acid pH on cell wall porosity. <i>Journal of Experimental Marine Biology and Ecology</i> , 2000, 245, 57-68.	0.7	72
18	Clostridia dominate 16S rRNA gene libraries prepared from the hindgut of temperate marine herbivorous fishes. <i>Marine Biology</i> , 2007, 150, 1431-1440.	0.7	67

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19	Ontogenetic Development of the Gastrointestinal Microbiota in the Marine Herbivorous Fish <i>Kyphosus sydneyanus</i> . <i>Microbial Ecology</i> , 2005, 49, 590-597.	1.4	65
20	Temperature-related variation in growth rate, size, maturation and life span in a marine herbivorous fish over a latitudinal gradient. <i>Journal of Animal Ecology</i> , 2014, 83, 866-875.	1.3	64
21	A comparison of the feeding mechanisms of two herbivorous labroid fishes, the temperate <i>Odax pullus</i> and the tropical <i>Scarus rubroviolaceus</i> . <i>Marine and Freshwater Research</i> , 1988, 39, 87.	0.7	62
22	Ecological diversification in habitat use by subtidal triplefin fishes (Tripterygiidae). <i>Marine Ecology - Progress Series</i> , 2007, 330, 235-246.	0.9	58
23	Resolving resource partitioning in parrotfishes (Scarini) using microhistology of feeding substrata. <i>Coral Reefs</i> , 2020, 39, 1313-1327.	0.9	57
24	Revision of the fish family Kyphosidae (Teleostei: Perciformes). <i>Zootaxa</i> , 2013, 3751, 1-101.	0.2	56
25	New Zealand triplefin fishes (family Tripterygiidae): contrasting population structure and mtDNA diversity within a marine species flock. <i>Molecular Ecology</i> , 2009, 18, 680-696.	2.0	53
26	Rapid evolutionary divergences in reef fishes of the family Acanthuridae (Perciformes: Teleostei). <i>Molecular Phylogenetics and Evolution</i> , 2003, 26, 190-201.	1.2	51
27	Chlorophyte and rhodophyte starches as factors in diet choice by marine herbivorous fish. <i>Journal of Experimental Marine Biology and Ecology</i> , 1999, 240, 137-149.	0.7	49
28	Relationships of the temperate Australasian labrid fish tribe Odacini (Perciformes; Teleostei). <i>Molecular Phylogenetics and Evolution</i> , 2004, 32, 575-587.	1.2	49
29	The Likelihood of Extinction of Iconic and Dominant Herbivores and Detritivores of Coral Reefs: The Parrotfishes and Surgeonfishes. <i>PLoS ONE</i> , 2012, 7, e39825.	1.1	49
30	Synchronous biological feedbacks in parrotfishes associated with pantropical coral bleaching. <i>Global Change Biology</i> , 2020, 26, 1285-1294.	4.2	45
31	Diet in odacid and aplodactylid fishes from Australia and New Zealand. <i>Marine and Freshwater Research</i> , 1992, 43, 1451.	0.7	43
32	Initiation of intracellular offspring in <i>Epulopiscium</i> . <i>Molecular Microbiology</i> , 2003, 51, 827-835.	1.2	41
33	New and rare tropical and subtropical fishes from northern New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 1999, 33, 571-586.	0.8	39
34	Determination of protein for studies of marine herbivory: a comparison of methods. <i>Journal of Experimental Marine Biology and Ecology</i> , 2000, 244, 45-65.	0.7	38
35	Habitat use by triplefin species (Tripterygiidae) on rocky reefs in New Zealand. <i>Journal of Fish Biology</i> , 2006, 69, 1031-1046.	0.7	37
36	World-wide species distributions in the family Kyphosidae (Teleostei: Perciformes). <i>Molecular Phylogenetics and Evolution</i> , 2016, 101, 252-266.	1.2	37

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37	Carbohydrate utilisation by microbial symbionts in the marine herbivorous fishes <i>Odax cyanomelas</i> and <i>Crinodus lophodon</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1996, 165, 571-579.	0.7	35
38	Physiology underpins habitat partitioning in a sympatric sister-species pair of intertidal fishes. <i>Functional Ecology</i> , 2008, 22, 1108-1117.	1.7	34
39	Genome Size Evolution in New Zealand Triplefin Fishes. <i>Journal of Heredity</i> , 2005, 96, 356-362.	1.0	32
40	Acid lysis of macroalgae by marine herbivorous fishes: myth or digestive mechanism?. <i>Journal of Experimental Marine Biology and Ecology</i> , 1999, 233, 95-113.	0.7	30
41	Preservation of inherent contractility in isolated gut segments from herbivorous and carnivorous marine fish. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1998, 168, 61-72.	0.7	29
42	Nutritional Ecology of Parrotfishes (Scarinae, Labridae)., 2018, , 42-68.		29
43	Reproductive isolation in temperate reef fishes. <i>Marine Biology</i> , 2007, 152, 619-630.	0.7	27
44	Utilisation of mannitol by temperate marine herbivorous fishes. <i>Journal of Experimental Marine Biology and Ecology</i> , 2010, 391, 50-56.	0.7	27
45	Pelagic larval duration and population connectivity in New Zealand triplefin fishes (Tripterygiidae). <i>Environmental Biology of Fishes</i> , 2011, 91, 275-286.	0.4	27
46	Haemoglobin components and oxygen transport in relation to habitat distribution in triplefin fishes (Tripterygiidae). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 1999, 169, 329-334.	0.7	25
47	Cytology of Terminally Differentiated <i>Epulopiscium</i> Mother Cells. <i>DNA and Cell Biology</i> , 2009, 28, 57-64.	0.9	22
48	Comparative Morphology of the Mechanosensory Lateral Line System in a Clade of New Zealand Triplefin Fishes. <i>Brain, Behavior and Evolution</i> , 2010, 75, 292-308.	0.9	22
49	Discordance between diet analysis and dietary macronutrient content in four nominally herbivorous fishes from the Southwestern Atlantic. <i>Marine Biology</i> , 2018, 165, 1.	0.7	22
50	The genomic basis for the evolution of a novel form of cellular reproduction in the bacterium <i>Epulopiscium</i> . <i>BMC Genomics</i> , 2012, 13, 265.	1.2	20
51	Ecomorphological divergence and trophic resource partitioning in 15 syntopic Indo-Pacific parrotfishes (Labridae: Scarini). <i>Biological Journal of the Linnean Society</i> , 2021, 132, 590-611.	0.7	20
52	Determinants of habitat association in a sympatric clade of marine fishes. <i>Marine Biology</i> , 2008, 154, 393-402.	0.7	19
53	Consistent spatial patterns across biogeographic gradients in temperate reef fishes. <i>Ecography</i> , 2008, 31, 84-94.	2.1	19
54	<i>Kyphosus gladius</i> , a new species of sea chub from Western Australia (Teleostei: Kyphosidae), with comments on <i>Segutilum klunzingeri</i> Whitley. <i>Zootaxa</i> , 2013, 3599, 1-18.	0.2	19

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55	Distinct microbiota composition and fermentation products indicate functional compartmentalization in the hindgut of a marine herbivorous fish. <i>Molecular Ecology</i> , 2022, 31, 2494-2509.	2.0	19
56	The herbivorous fish family Kyphosidae (Teleostei: Perciformes) represents a recent radiation from higher latitudes. <i>Journal of Biogeography</i> , 2019, 46, 2067-2080.	1.4	18
57	Reproductive biology of an odacine labrid, <i>Odax pullus</i> . <i>Journal of Fish Biology</i> , 2011, 78, 741-761.	0.7	16
58	The influence of diet and gastrointestinal fermentation on key enzymes of substrate utilization in marine teleost fishes. <i>Journal of Experimental Marine Biology and Ecology</i> , 2005, 317, 97-108.	0.7	15
59	Recombination contributes to population diversification in the polyploid intestinal symbiont <i>Epulopiscium</i> sp. type B. <i>ISME Journal</i> , 2019, 13, 1084-1097.	4.4	15
60	The New Zealand triplefin <i>Grahamina signata</i> (Teleostei; Tripterygiidae): A junior synonym of <i>G. gymnota</i> from Tasmania. <i>Journal of the Royal Society of New Zealand</i> , 2000, 30, 373-383.	1.0	14
61	The nutritional basis of seasonal selective feeding by a marine herbivorous fish. <i>Marine Biology</i> , 2017, 164, 1.	0.7	14
62	Verifying invasive marine fish species using molecular techniques: A model example using triplefin fishes (Family Tripterygiidae). <i>New Zealand Journal of Marine and Freshwater Research</i> , 2004, 38, 439-446.	0.8	13
63	Histology and ultrastructure of the gastrointestinal tract in four temperate marine herbivorous fishes. <i>Journal of Morphology</i> , 2022, 283, 16-34.	0.6	13
64	New Species of Balantidium and Pamcichttdotherus (Ciliophora) Inhabiting the Intestines of Four Surgeonfish Species from the Tuvalu Islands, Pacific Ocean. <i>Journal of Eukaryotic Microbiology</i> , 2002, 49, 146-153.	0.8	12
65	Diet of subtropical herbivorous fishes in northeastern New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2008, 42, 47-55.	0.8	11
66	Reproductive demography of a temperate protogynous and herbivorous fish, <i>Odax pullus</i> (Labridae). <i>Journal of Fish Biology</i> , 2010, 76, 1075-1087.	0.7	11
67	Body size and ecological diversification in a sister species pair of triplefin fishes. <i>Evolutionary Ecology</i> , 2008, 22, 575-592.	0.5	10
68	Morphological re-examination and taxonomy of the genus <i>Macropodus</i> (Perciformes). <i>Journal of Systematics and Evolutionary Biology</i> , 2010, 48, 222-231.	0.2	9
69	<i>Tannockella kyphosi</i> gen. nov., sp. nov., a member of the family Erysipelotrichaceae, isolated from the hindgut of the marine herbivorous fish <i>Kyphosus sydneyanus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	9
70	The <i>spoIIIE</i> Homolog of <i>Epulopiscium</i> sp. Type B Is Expressed Early in Intracellular Offspring Development. <i>Journal of Bacteriology</i> , 2011, 193, 2642-2646.	1.0	8
71	<i>Kyphosus vaigiensis</i> (Kyphosidae), a new fish record from northeastern New Zealand. <i>Journal of the Royal Society of New Zealand</i> , 1997, 27, 219-221.	1.0	7
72	Relationship between long-term changes in algal community structure and herbivore diet at the Three Kings Islands, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2004, 38, 837-844.	0.8	7

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73	The evolution of habitat specialisation in a group of marine triplefin fishes. <i>Evolutionary Ecology</i> , 2009, 23, 557-568.	0.5	7
74	<i>Matanui</i> , a new genus of deepwater triplefin fishes (Pisces: Tripterygiidae) from New Zealand. <i>Journal of the Royal Society of New Zealand</i> , 2004, 34, 81-103.	1.0	5
75	Temperate marine herbivorous fishes will likely do worse, not better, as waters warm up. <i>Marine Biology</i> , 2016, 163, 1.	0.7	5
76	Reproductive biology of the leatherjacket, <i>Meuschenia scaber</i> (Monacanthidae) (Forster 1801) in the Hauraki Gulf, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2018, 52, 82-99.	0.8	5
77	Evolutionary origin of the Atlantic Cabo Verde nibbler ( <i>Girella stuebeli</i> ), a member of a primarily Pacific Ocean family of antitropical herbivorous reef fishes. <i>Molecular Phylogenetics and Evolution</i> , 2021, 156, 107021.	1.2	5
78	Effect of ingestion on the stable isotope signatures of marine herbivorous fish diets. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012, 438, 137-143.	0.7	4
79	Selection and intake of algal species in butterfish ( <i>Odax pullus</i> ; Labridae). <i>Marine Biology</i> , 2016, 163, 1.	0.7	4
80	Does temperature constrain diet choice in a marine herbivorous fish?. <i>Marine Biology</i> , 2020, 167, 1.	0.7	4
81	Geographic variation in life-history traits of the long-lived monacanthid <i>Meuschenia scaber</i> (Monacanthidae). <i>Marine Biology</i> , 2020, 167, 1.	0.7	4
82	New Observations on the Ciliate Genus <i>Vestibulolongum</i> (Pycnotrichidae): Vestibular Ultrastructure, Macronuclear Endosymbiotic Bacteria, Biogeography, and Evidence for Host Specificity. <i>Journal of Eukaryotic Microbiology</i> , 2013, 60, 37-43.	0.8	3
83	Environmentally induced morphological variation in the temperate reef fish, <i>Forsterygion lapillum</i> (F.) Tj ETQq1 1 0.784314 rgBT /Over	0.7	2
84	Frontiers in Aquatic Physiology - grand challenge. <i>Frontiers in Physiology</i> , 2010, 1, 6.	1.3	1
85	What a difference a bay makes: natural variation in dietary resources mediates growth in a recently settled herbivorous fish. <i>Coral Reefs</i> , 2016, 35, 1187-1199.	0.9	1
86	Input data for inferring species distributions in Kyphosidae world-wide. <i>Data in Brief</i> , 2016, 8, 1013-1017.	0.5	1
87	Commemorating 50 years of marine science at the Leigh Marine Laboratory. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2013, 47, 275-276.	0.8	0
88	A new species of deep-water triplefin (Pisces: Tripterygiidae) in the genus <i>Ruanoho</i> from coastal New Zealand waters. <i>Zootaxa</i> , 2021, 4981, 137150.	0.2	0