

John Keesing

List of Publications by Year in descending order

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75
papers

3,036
citations

304368

22
h-index

168136

53
g-index

77
all docs

77
docs citations

77
times ranked

2535
citing authors

#	ARTICLE	IF	CITATIONS
1	World's largest macroalgal bloom caused by expansion of seaweed aquaculture in China. <i>Marine Pollution Bulletin</i> , 2009, 58, 888-895.	2.3	446
2	The world's largest macroalgal bloom in the Yellow Sea, China: Formation and implications. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 129, 2-10.	0.9	343
3	Jellyfish blooms in China: Dominant species, causes and consequences. <i>Marine Pollution Bulletin</i> , 2010, 60, 954-963.	2.3	307
4	Inter- and intra-annual patterns of <i>Ulva prolifera</i> green tides in the Yellow Sea during 2007-2009, their origin and relationship to the expansion of coastal seaweed aquaculture in China. <i>Marine Pollution Bulletin</i> , 2011, 62, 1169-1182.	2.3	233
5	Recurrence of the world's largest green-tide in 2009 in Yellow Sea, China: <i>Porphyra yezoensis</i> aquaculture rafts confirmed as nursery for macroalgal blooms. <i>Marine Pollution Bulletin</i> , 2010, 60, 1423-1432.	2.3	230
6	A Review of Sea Cucumber Aquaculture, Ranching, and Stock Enhancement in China. <i>Reviews in Fisheries Science and Aquaculture</i> , 2016, 24, 326-341.	5.1	170
7	Predictable and unpredictable spawning events: <i>in situ</i> behavioural data from free-spawning coral reef invertebrates. <i>Invertebrate Reproduction and Development</i> , 1992, 22, 213-227.	0.3	134
8	Maximizing fish detection with eDNA metabarcoding. <i>Environmental DNA</i> , 2020, 2, 493-504.	3.1	99
9	Field measurement of feeding and movement rates of the crown-of-thorns starfish <i>Acanthaster planci</i> (L.). <i>Journal of Experimental Marine Biology and Ecology</i> , 1992, 156, 89-104.	0.7	69
10	Fertilization biology of the abalone <i>Haliotis laevis</i> : laboratory and field studies. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1999, 56, 1668-1678.	0.7	60
11	Quantification of floating macroalgae blooms using the scaled algae index. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 26-42.	1.0	55
12	Macroalgal blooms favor heterotrophic diazotrophic bacteria in nitrogen-rich and phosphorus-limited coastal surface waters in the Yellow Sea. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 163, 75-81.	0.9	50
13	Field measurement of survival rates of juvenile <i>Acanthaster planci</i> , techniques and preliminary results. <i>Marine Ecology - Progress Series</i> , 1992, 85, 107-114.	0.9	47
14	Passive eDNA collection enhances aquatic biodiversity analysis. <i>Communications Biology</i> , 2021, 4, 236.	2.0	46
15	Abiotic factors influencing biomass accumulation of green tide causing <i>Ulva</i> spp. on <i>Pyropia</i> culture rafts in the Yellow Sea, China. <i>Marine Pollution Bulletin</i> , 2016, 105, 88-97.	2.3	40
16	Retention and dispersal of shelf waters influenced by interactions of ocean boundary current and coastal geography. <i>Marine and Freshwater Research</i> , 2010, 61, 1259.	0.7	37
17	Palaeoecological analysis of phytoplankton regime shifts in response to coastal eutrophication. <i>Marine Ecology - Progress Series</i> , 2013, 475, 1-14.	0.9	35
18	Effects of dredging on critical ecological processes for marine invertebrates, seagrasses and macroalgae, and the potential for management with environmental windows using Western Australia as a case study. <i>Ecological Indicators</i> , 2017, 78, 229-242.	2.6	34

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19	Title is missing!. Marine and Freshwater Research, 2002, 53, 777.	0.7	31
20	Role of C4 carbon fixation in <i>Ulva prolifera</i> , the macroalga responsible for the world's largest green tides. Communications Biology, 2020, 3, 494.	2.0	30
21	Knowledge Gaps in the Biology, Ecology, and Management of the Pacific Crown-of-Thorns Sea Star <i>Acanthaster</i> sp. on Australia's Great Barrier Reef. Biological Bulletin, 2021, 241, 330-346.	0.7	25
22	The crown-of-thorns starfish, <i>Acanthaster planci</i> , on the great barrier reef. Mathematical and Computer Modelling, 1990, 13, 45-60.	2.0	23
23	Contrasting Trends in Populations of <i>Rhopilema esculentum</i> and <i>Aurelia aurita</i> in Chinese Waters. , 2014, , 207-218.		23
24	Mortality rates of small juvenile crown-of-thorns starfish <i>Acanthaster planci</i> on the Great Barrier Reef: implications for population size and larval settlement thresholds for outbreaks. Marine Ecology - Progress Series, 2018, 597, 179-190.	0.9	22
25	Large-scale laboratory culture of the crown-of-thorns starfish <i>Acanthaster planci</i> (L.) (Echinodermata: Asteroidea). Aquaculture, 1997, 157, 215-226.	1.7	21
26	Effects of intensive scallop mariculture on macrobenthic assemblages in Sishili Bay, the northern Yellow Sea of China. Hydrobiologia, 2013, 718, 1-15.	1.0	21
27	Ocean fronts construct spatial zonation in microfossil assemblages. Global Ecology and Biogeography, 2018, 27, 1225-1237.	2.7	21
28	Geological evidence for recurring outbreaks of the crown-of-thorns starfish: a reassessment from an ecological perspective. Coral Reefs, 1992, 11, 79-85.	0.9	20
29	Two time losers: selective feeding by crown-of-thorns starfish on corals most affected by successive coral-bleaching episodes on western Australian coral reefs. Marine Biology, 2019, 166, 1.	0.7	19
30	Assessing the drivers of spatial variation in thermal forcing across a nearshore reef system and implications for coral bleaching. Limnology and Oceanography, 2014, 59, 1241-1255.	1.6	18
31	Crown-of-thorns starfish impede the recovery potential of coral reefs following bleaching. Marine Biology, 2019, 166, 1.	0.7	18
32	Temporal patterns in the feeding and emergence behaviour of the crown-of-thorns starfish <i>Acanthaster planci</i> . Marine and Freshwater Behaviour and Physiology, 1995, 25, 209-232.	0.4	15
33	Synchronous aggregated pseudo-copulation of the sea star <i>Archaster angulatus</i> Müller & Troschel, 1842 (Echinodermata: Asteroidea) and its reproductive cycle in south-western Australia. Marine Biology, 2011, 158, 1163-1173.	0.7	15
34	Sponges as important sources of nitrate on an oligotrophic continental shelf. Limnology and Oceanography, 2013, 58, 1947-1958.	1.6	15
35	Role of winds and tides in timing of beach strandings, occurrence, and significance of swarms of the jellyfish <i>Crambione mastigophora</i> Mass 1903 (Scyphozoa: Rhizostomeae: Catostylidae) in north-western Australia. Hydrobiologia, 2016, 768, 19-36.	1.0	15
36	Wildfires enhance phytoplankton production in tropical oceans. Nature Communications, 2022, 13, 1348.	5.8	15

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37	A database of chlorophyll a in Australian waters. <i>Scientific Data</i> , 2018, 5, 180018.	2.4	14
38	First record of photosynthetic cyanobacterial symbionts from mesophotic temperate sponges. <i>Marine and Freshwater Research</i> , 2012, 63, 403.	0.7	13
39	Seasonal and diel variation in movement rhythms of sand dollar, <i>Peronella lesueuri</i> (Valenciennes) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 6	0.7	13
40	Evaluation of standard and regional satellite chlorophyll-a algorithms for moderate-resolution imaging spectroradiometer (MODIS) in the Bohai and Yellow Seas, China: a comparison of chlorophyll-a magnitude and seasonality. <i>International Journal of Remote Sensing</i> , 2019, 40, 4980-4995.	1.3	12
41	<i>Haliocidaris erythrogramma</i> . <i>Developments in Aquaculture and Fisheries Science</i> , 2013, , 369-379.	1.3	11
42	Anthropogenic impacts on hyperbenthos in the coastal waters of Sishili Bay, Yellow Sea. <i>Chinese Journal of Oceanology and Limnology</i> , 2013, 31, 1257-1267.	0.7	11
43	Population characteristics of the abalone <i>Haliotis roei</i> on intertidal platforms in the Perth metropolitan area. <i>Journal of the Malacological Society of Australia</i> , 1990, 11, 65-71.	0.1	10
44	A solution for restoration of critical wetlands and waterbird habitats in coastal deltaic systems. <i>Journal of Environmental Management</i> , 2022, 302, 113996.	3.8	10
45	<i>Haliocidaris erythrogramma</i> . <i>Developments in Aquaculture and Fisheries Science</i> , 2020, 43, 537-552.	1.3	9
46	Variability in larval settlement of abalone on artificial collectors. <i>Molluscan Research</i> , 1997, 18, 253-264.	0.2	8
47	Population characteristics and biology of two populations of <i>Archaster angulatus</i> (Echinodermata): Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 6 Biological Association of the United Kingdom, 2011, 91, 1577-1585.	0.4	8
48	Phytoplankton Responses to Climate-Induced Warming and Interdecadal Oscillation in North-Western Australia. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, no.	1.3	8
49	THE LIMPET PATELLOIDA NIGROSULCATA ON INTERTIDAL PLATFORMS IN THE PERTH AREA, WESTERN AUSTRALIA. <i>Journal of Molluscan Studies</i> , 1988, 54, 53-57.	0.4	7
50	Feeding and bioturbation effects of the sand dollar <i>Peronella lesueuri</i> (L. Agassiz, 1841) (Echinodermata) on microphytobenthos and sediment fluxes. <i>Marine and Freshwater Behaviour and Physiology</i> , 2013, 46, 431-446.	0.4	7
51	Recovery of marine <i>Conus</i> (Mollusca: Caenogastropoda) from imposex at Rottneest Island, Western Australia, over a quarter of a century. <i>Marine Pollution Bulletin</i> , 2017, 123, 182-187.	2.3	7
52	Paleoecological evidence for decadal increase in phytoplankton biomass off northwestern Australia in response to climate change. <i>Ecology and Evolution</i> , 2018, 8, 2097-2107.	0.8	7
53	Impacts and Environmental Risks of Oil Spills on Marine Invertebrates, Algae and Seagrass: A Global Review from an Australian Perspective. , 2018, , 311-370.		7
54	Reproductive biology of the sand dollar, <i>Peronella lesueuri</i> (L. Agassiz, 1841) (Echinoidea): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 2015, 59, 141-154.	0.3	6

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55	A highly sensitive method for analyzing marker phytoplankton pigments: Ultra-high performance liquid chromatography-tandem triple quadrupole mass spectrometry. <i>Limnology and Oceanography: Methods</i> , 2016, 14, 623-636.	1.0	6
56	Abundant box jellyfish, <i>Chironex</i> sp. (Cnidaria: Cubozoa: Chirodropidae), discovered at depths of over 50m on western Australian coastal reefs. <i>Scientific Reports</i> , 2016, 6, 22290.	1.6	6
57	Analyzing biases of nitrogen contents and $\delta^{15}\text{N}$ values arising from acidified marine sediments with different CaCO_3 concentrations. <i>Acta Oceanologica Sinica</i> , 2018, 37, 1-5.	0.4	6
58	Quantifying the discriminatory power of remote sensing technologies for benthic habitat mapping. <i>International Journal of Remote Sensing</i> , 2019, 40, 2717-2738.	1.3	6
59	Optimal Foraging Theory Explains Feeding Preferences in the Western Pacific Crown-of-Thorns Sea Star <i>Acanthaster</i> sp.. <i>Biological Bulletin</i> , 2021, 241, 303-329.	0.7	6
60	Population characteristics of the gastropod <i>Cantharidus pulcherrimus</i> on intertidal platforms in the Perth area of Western Australia. <i>Journal of the Malacological Society of Australia</i> , 1987, 8, 23-35.	0.1	5
61	Measuring settlement intensity of abalone: Results of a pilot study. <i>Marine and Freshwater Research</i> , 1995, 46, 539.	0.7	5
62	Chapter 17 Ecology of <i>Haliocidaris erythrogramma</i> . <i>Developments in Aquaculture and Fisheries Science</i> , 2007, 37, 339-351.	1.3	4
63	Limited effects of an extreme flood event on corals at Ningaloo Reef. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 191, 234-238.	0.9	4
64	Paleo-ecological analyses to assess long-term environmental effects of pearl farming in Western Australia. <i>Marine Ecology - Progress Series</i> , 2016, 552, 145-158.	0.9	4
65	Population size structure, growth, arm number and damage in the sea star <i>Archaster angulatus</i> Muller and Troschel, 1842 (Echinodermata: Asteroidea). <i>Invertebrate Reproduction and Development</i> , 2017, 61, 119-127.	0.3	3
66	Teleost community composition and the role of herbivory on the intertidal reef of a small isolated island in north-west Australia. <i>Marine and Freshwater Research</i> , 2020, 71, 684.	0.7	3
67	Growth rates of potamidid snails in mangroves in northern Australia. <i>Molluscan Research</i> , 2019, 39, 333-340.	0.2	2
68	How many juvenile abalone are there? The example of <i>Haliotis roei</i> . <i>Molluscan Research</i> , 1997, 18, 209-218.	0.2	1
69	Sightings, strandings and Irukandji Syndrome caused by envenomations of the large, rarely observed jellyfish; <i>Keesingia gigas</i> Gershwin, 2014 (Cnidaria: Cubozoa: Carybdeida: Alatinidae) in north-western Australia. <i>Plankton and Benthos Research</i> , 2020, 15, 156-167.	0.2	1
70	A recurring population of the sea hare <i>Bursatella hirsuta</i> (Gastropoda: Aplysiidae) at Rottneest Island, Western Australia. <i>Molluscan Research</i> , 0, , 1-4.	0.2	1
71	Rate of natural mortality in the sea star <i>Archaster angulatus</i> (Echinodermata: Asteroidea). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2018, 98, 1689-1693.	0.4	0
72	A new species of <i>Philocheras</i> (Decapoda: Caridea: Crangonidae) from Western Australia, with a key to all species of this genus worldwide. <i>Zootaxa</i> , 2018, 4382, 175.	0.2	0

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73	Peronella. Developments in Aquaculture and Fisheries Science, 2020, 43, 333-336.	1.3	0
74	Three-dimensional numerical simulation of circulation and vertical temperature structure during summer in Cockburn Sound. Regional Studies in Marine Science, 2022, 51, 102187.	0.4	0
75	The Application of an Artificial Neural Network to Quantify Anthropogenic and Climatic Drivers in Coastal Phytoplankton Shift. Frontiers in Marine Science, 0, 9, .	1.2	0