

Andrew Bakun

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

7,088
citations

159585

30
h-index

330143

37
g-index

42
all docs

42
docs citations

42
times ranked

7232
citing authors

#	ARTICLE	IF	CITATIONS
1	ECOLOGY: Ecosystem-Based Fishery Management. <i>Science</i> , 2004, 305, 346-347.	12.6	1,696
2	Small pelagics in upwelling systems: patterns of interaction and structural changes in 'wasp-waist' ecosystems. <i>ICES Journal of Marine Science</i> , 2000, 57, 603-618.	2.5	826
3	The jellyfish joyride: causes, consequences and management responses to a more gelatinous future. <i>Trends in Ecology and Evolution</i> , 2009, 24, 312-322.	8.7	676
4	Fronts and eddies as key structures in the habitat of marine fish larvae: opportunity, adaptive response and competitive advantage. <i>Scientia Marina</i> , 2006, 70, 105-122.	0.6	393
5	The Seasonal Cycle of Wind-Stress Curl in Subtropical Eastern Boundary Current Regions. <i>Journal of Physical Oceanography</i> , 1991, 21, 1815-1834.	1.7	366
6	Anticipated Effects of Climate Change on Coastal Upwelling Ecosystems. <i>Current Climate Change Reports</i> , 2015, 1, 85-93.	8.6	314
7	'Ocean triads' in the Mediterranean Sea: physical mechanisms potentially structuring reproductive habitat suitability (with example application to European anchovy, <i>Engraulis encrasicolus</i>). <i>Fisheries Oceanography</i> , 2002, 11, 129-142.	1.7	237
8	Wasp-waist populations and marine ecosystem dynamics: Navigating the 'predator pit' topographies. <i>Progress in Oceanography</i> , 2006, 68, 271-288.	3.2	237
9	Greenhouse gas, upwelling-favorable winds, and the future of coastal ocean upwelling ecosystems. <i>Global Change Biology</i> , 2010, 16, 1213-1228.	9.5	235
10	Environmental 'loopholes'™ and fish population dynamics: comparative pattern recognition with focus on El Niño effects in the Pacific. <i>Fisheries Oceanography</i> , 2003, 12, 458-473.	1.7	219
11	Massive emissions of toxic gas in the Atlantic. <i>Nature</i> , 2002, 415, 493-494.	27.8	187
12	The marine ecosystem off Peru: What are the secrets of its fishery productivity and what might its future hold?. <i>Progress in Oceanography</i> , 2008, 79, 290-299.	3.2	154
13	Population synchronies within and between ocean basins: Apparent teleconnections and implications as to physical-biological linkage mechanisms. <i>Journal of Marine Systems</i> , 2010, 79, 267-285.	2.1	140
14	Climate controls on marine ecosystems and fish populations. <i>Journal of Marine Systems</i> , 2010, 79, 305-315.	2.1	124
15	Seasonal patterns of wind-induced upwelling/downwelling in the Mediterranean Sea. <i>Scientia Marina</i> , 2001, 65, 243-257.	0.6	111
16	PRIMARY ORGANIC PRODUCTION IN RELATION TO THE CHEMISTRY AND HYDROGRAPHY OF THE WESTERN INDIAN OCEAN I. <i>Limnology and Oceanography</i> , 1966, 11, 371-380.	3.1	110
17	Hydrogen sulphide eruptions in the Atlantic Ocean off southern Africa: implications of a new view based on SeaWiFS satellite imagery. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2004, 51, 153-172.	1.4	101
18	Guinea Current upwelling. <i>Nature</i> , 1978, 271, 147-150.	27.8	96

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19	Greenhouse gas buildup, sardines, submarine eruptions and the possibility of abrupt degradation of intense marine upwelling ecosystems. <i>Ecology Letters</i> , 2004, 7, 1015-1023.	6.4	96
20	Adverse feedback sequences in exploited marine systems: are deliberate interruptive actions warranted?. <i>Fish and Fisheries</i> , 2006, 7, 316-333.	5.3	76
21	The "school trap": a mechanism promoting large-amplitude out-of-phase population oscillations of small pelagic fish species. <i>Ecology Letters</i> , 1999, 2, 349-351.	6.4	75
22	Linking climate to population variability in marine ecosystems characterized by non-simple dynamics: Conceptual templates and schematic constructs. <i>Journal of Marine Systems</i> , 2010, 79, 361-373.	2.1	73
23	Comparative studies of coastal pelagic fish reproductive habitats: the Brazilian sardine (<i>Sardinella</i>) Tj ETQq1 1 0.784314 rgBT, /Overlook	2.5	71
24	Issues of ecosystem-based management of forage fisheries in "open" non-stationary ecosystems: the example of the sardine fishery in the Gulf of California. <i>Reviews in Fish Biology and Fisheries</i> , 2010, 20, 9-29.	4.9	53
25	The Capricorn Eddy: a prominent driver of the ecology and future of the southern Great Barrier Reef. <i>Coral Reefs</i> , 2010, 29, 975-985.	2.2	52
26	"School-mix feedback": a different way to think about low frequency variability in large mobile fish populations. <i>Progress in Oceanography</i> , 2001, 49, 485-511.	3.2	51
27	Ocean eddies, predator pits and bluefin tuna: implications of an inferred "low risk" limited payoff" reproductive scheme of a (former) archetypical top predator. <i>Fish and Fisheries</i> , 2013, 14, 424-438.	5.3	49
28	Ocean triads and radical interdecadal variation: bane and boon to scientific fisheries management. , 1998, , 331-358.		42
29	A tentative classification of coastal marine ecosystems based on dominant processes of nutrient supply. <i>Ocean and Coastal Management</i> , 1994, 23, 201-211.	4.4	40
30	Larval stage controls on Pacific sardine recruitment variability: high zooplankton abundance linked to poor reproductive success. <i>Marine Ecology - Progress Series</i> , 2007, 345, 237-244.	1.9	36
31	Ocean Sciences in Relation to Living Resources. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1982, 39, 1059-1070.	1.4	35
32	Regulating a complex adaptive system via its wasp-waist: grappling with ecosystem-based management of the New England herring fishery. <i>ICES Journal of Marine Science</i> , 2009, 66, 1768-1775.	2.5	27
33	Climate change and ocean deoxygenation within intensified surface-driven upwelling circulations. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2017, 375, 20160327.	3.4	22
34	Potential environmental drivers of Japanese anchovy (<i>Engraulis japonicus</i>) recruitment in the Yellow Sea. <i>Journal of Marine Systems</i> , 2020, 212, 103431.	2.1	18
35	Sixty-five years of northern anchovy population studies in the southern California Current: a review and suggestion for sensible management. <i>ICES Journal of Marine Science</i> , 2020, 77, 486-499.	2.5	18
36	Active opportunist species as potential diagnostic markers for comparative tracking of complex marine ecosystem responses to global trends. <i>ICES Journal of Marine Science</i> , 2014, 71, 2281-2292.	2.5	13

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37	The oxygen constraint. , 2011, , 11-23.		7
38	Increase of a hypoxia-tolerant fish, <i>Harpadon nehereus</i> (Synodontidae), as a result of ocean deoxygenation off southwestern China. <i>Environmental Biology of Fishes</i> , 2022, 105, 1399-1403.	1.0	6
39	Synthesis and perspective. , 2001, , 344-351.		3
40	The IRI-IPRC Pacific Climate-Fisheries Workshop. <i>Fisheries Oceanography</i> , 2002, 11, 189-190.	1.7	2
41	Research challenges in the twenty-first century. , 2001, , 300-311.		1
42	History of international co-operation in research. , 2001, , 1-5.		0