

Piers Chapman

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,355
citations

430874

18
h-index

361022

35
g-index

51
all docs

51
docs citations

51
times ranked

1738
citing authors

#	ARTICLE	IF	CITATIONS
1	The science of hypoxia in the Northern Gulf of Mexico: A review. <i>Science of the Total Environment</i> , 2010, 408, 1471-1484.	8.0	317
2	Upwelling Systems of the World. , 2016, , .		97
3	Composition, abundance and age of total organic carbon in surface sediments from the inner shelf of the East China Sea. <i>Marine Chemistry</i> , 2012, 145-147, 37-52.	2.3	91
4	Volume transport and property distributions of the Mozambique Channel. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 1481-1511.	1.4	75
5	Does local topography control hypoxia on the eastern Texasâ€“Louisiana shelf?. <i>Journal of Marine Systems</i> , 2010, 80, 25-35.	2.1	62
6	Occurrence and population structure of pilchard<i>Sardinops ocellatus</i>, round herring<i>Etrumeus whiteheadi</i> and anchovy<i>Engraulis capensis</i> off the east coast of southern Africa. <i>African Journal of Marine Science</i> , 1991, 11, 227-249.	0.6	49
7	Short-term variability during an anchor station study in the southern Benguela upwelling system: Chemical and physical oceanography. <i>Progress in Oceanography</i> , 1991, 28, 9-37.	3.2	48
8	Seasonality in the oxygen minimum layers at the extremities of the Benguela system. <i>African Journal of Marine Science</i> , 1987, 5, 85-94.	0.6	46
9	Satellite observations of upwelling on the continental shelf south of Madagascar. <i>Geophysical Research Letters</i> , 2000, 27, 3965-3968.	4.0	42
10	Dispersion of a tracer in the deep <sc>G</sc>ulf of <sc>M</sc>exico. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 1110-1132.	2.6	42
11	Historical reconstruction of organic carbon decay and preservation in sediments on the East China Sea shelf. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2013, 118, 1079-1093.	3.0	39
12	Characteristics of the South Atlantic subtropical frontal zone between 15Â°W and 5Â°E. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1998, 45, 167-192.	1.4	34
13	Evidence of Antarctic bottom water in the Angola Basin at 32Â°S. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1991, 38, 1299-1304.	1.5	32
14	Flow at intermediate depths around Madagascar based on ALACE float trajectories. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2003, 50, 1957-1986.	1.4	32
15	Changes in iodine speciation in the Benguela current upwelling system. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1983, 30, 1247-1259.	1.5	31
16	Controlling Hypoxia on the U.S. Louisiana Shelf: Beyond the Nutrientâ€“Centric View. <i>Eos</i> , 2008, 89, 236-237.	0.1	29
17	Suggested mechanism for the chronic pollution by oil of beaches east of Cape Agulhas, South Africa. <i>African Journal of Marine Science</i> , 1983, 1, 231-244.	0.6	28
18	Continental Shelf Hypoxia: Some Nagging Questions. <i>Gulf of Mexico Science</i> , 2002, 20, .	0.4	24

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19	Refining the planktic foraminiferal I/Ca proxy: Results from the Southeast Atlantic Ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 287, 318-327.	3.9	20
20	Short-term variability during an anchor station study in the southern Benguela upwelling system: Introduction. <i>Progress in Oceanography</i> , 1991, 28, 1-7.	3.2	19
21	Does freezing of nutrient samples cause analytical errors?. <i>African Journal of Marine Science</i> , 1990, 9, 239-247.	0.6	18
22	Seasonal- and event-scale variations in upwelling, enrichment and primary productivity in the eastern Great Australian Bight. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018, 157-158, 36-45.	1.4	18
23	The effect of nitrite on the spectrophotometric determination of iodate in seawater. <i>Marine Chemistry</i> , 1977, 5, 243-249.	2.3	16
24	Nutrients, chlorophyll and oxygen relationships in the surface layers at the Agulhas retroflection. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1987, 34, 1399-1416.	1.5	16
25	Evolution of a Sustained Ocean Observing System. <i>Bulletin of the American Meteorological Society</i> , 2001, 82, 1369-1376.	3.3	12
26	Benthic-pelagic coupling in the Gulf of Mexico hypoxic area: Sedimentary enhancement of hypoxic conditions and near bottom primary production. <i>Continental Shelf Research</i> , 2014, 85, 143-152.	1.8	12
27	Some ecological effects of the Venpet-Venoil collision. <i>Marine Pollution Bulletin</i> , 1979, 10, 60-63.	5.0	11
28	The sea surface microlayer: Measurements of dissolved iodine species and nutrients in coastal waters. <i>Limnology and Oceanography</i> , 1981, 26, 387-390.	3.1	11
29	Preliminary Evidence for Iodate Reduction in Bottom Waters of the Gulf of Mexico During an Hypoxic Event. <i>Aquatic Geochemistry</i> , 2011, 17, 671-695.	1.3	11
30	On the occurrence of oxygen-depleted water south of Africa and its implications for Agulhas-Atlantic mixing. <i>African Journal of Marine Science</i> , 1988, 7, 267-294.	0.6	10
31	Optimisation of a catalytic procedure for the determination of total iodine in seawater. <i>Marine Chemistry</i> , 1976, 4, 29-42.	2.3	9
32	Preface "Deep Ocean Exchange with the Shelf (DOES)". <i>Ocean Science</i> , 2011, 7, 101-109.	3.4	7
33	Microplankton ETS measurements as a means of assessing respiration in the Benguela ecosystem. <i>African Journal of Marine Science</i> , 1994, 14, 297-312.	0.6	6
34	Advances in coastal habitat restoration in the northern Gulf of Mexico. <i>Ecological Engineering</i> , 2006, 26, 1-5.	3.6	6
35	New Approaches to the Gulf Hypoxia Problem. <i>Eos</i> , 2010, 91, 173-173.	0.1	5
36	Seasonal Wind-Driven Coastal Upwelling Systems. , 2016, , 315-361.		5

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37	Age Constraints on Gulf of Mexico Deep Water Ventilation as Determined by ¹⁴ C Measurements. Radiocarbon, 2018, 60, 75-90.	1.8	5
38	Categorizing zonal productivity on the continental shelf with nutrient-salinity ratios. Journal of Marine Systems, 2020, 206, 103336.	2.1	5
39	Commensal Cape fur seals in Cape Town docks. African Journal of Marine Science, 1984, 2, 81-91.	0.6	4
40	Implications of different nitrogen input sources for potential production and carbon flux estimates in the coastal Gulf of Mexico (GOM) and Korean Peninsula coastal waters. Ocean Science, 2020, 16, 45-63.	3.4	4
41	NUTRIENTS IN AQUATIC ECOSYSTEMS: AN INTRODUCTION TO SIMILARITIES BETWEEN FRESHWATER AND MARINE ECOSYSTEMS. Journal of the Limnological Society of Southern Africa, 1986, 12, 2-5.	0.1	2
42	FROM BLOWOUT TO BEACH: AN INTEGRATED MODELING APPROACH. International Oil Spill Conference Proceedings, 2014, 2014, 919-932.	0.1	2
43	NUTRIENT CYCLING IN MARINE ECOSYSTEMS. Journal of the Limnological Society of Southern Africa, 1986, 12, 22-42.	0.1	1
44	Advances in Coastal Habitat Restoration in the Northern Gulf States. Bulletin of the Ecological Society of America, 2004, 85, 23-24.	0.2	1
45	Upwelling systems: Evolution since the early Miocene. Geochimica Et Cosmochimica Acta, 1993, 57, 4326-4327.	3.9	0
46	The WOCE Data Resource. Bulletin of the American Meteorological Society, 1998, 79, 1037-1042.	3.3	0
47	Ocean data synthesis offers research opportunities. Eos, 2000, 81, 102-107.	0.1	0
48	Other Important Upwelling Systems. , 2016, , 363-393.		0
49	A Response to "Continental Shelf Hypoxia: Some Compelling Answers" by Donald F. Boesch, This Issue. Gulf of Mexico Science, 2003, 21, .	0.4	0
50	From Bubbles to Beaches: An Integrated Modeling Approach to Oil Spill Response. Marine Technology Society Journal, 2018, 52, 91-94.	0.4	0