

# 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  | 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        |
| 2  | 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. <i>Ocean Science</i> , 2020, 16, 45-63.    | 3.4 | 4         |
| 3  | Categorizing zonal productivity on the continental shelf with nutrient-salinity ratios. <i>Journal of Marine Systems</i> , 2020, 206, 103336.   | 2.1 | 5         |
| 4  | Age Constraints on Gulf of Mexico Deep Water Ventilation as Determined by $^{14}\text{C}$ Measurements. <i>Radiocarbon</i> , 2018, 60, 75-90.   | 1.8 | 5         |
| 5  | 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        |
| 6  | From Bubbles to Beaches: An Integrated Modeling Approach to Oil Spill Response. <i>Marine Technology Society Journal</i> , 2018, 52, 91-94.   | 0.4 | 0         |
| 7  | Dispersion of a tracer in the deep Gulf of Mexico. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 1110-1132.   | 2.6 | 42        |
| 8  | Seasonal Wind-Driven Coastal Upwelling Systems. , 2016, , 315-361.  |     | 5         |
| 9  | Upwelling Systems of the World. , 2016, , .   |     | 97        |
| 10 | Other Important Upwelling Systems. , 2016, , 363-393.   |     | 0         |
| 11 | 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        |
| 12 | FROM BLOWOUT TO BEACH: AN INTEGRATED MODELING APPROACH. <i>International Oil Spill Conference Proceedings</i> , 2014, 2014, 919-932.  | 0.1 | 2         |
| 13 | 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        |
| 14 | 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        |
| 15 | Preface "Deep Ocean Exchange with the Shelf (DOES)". <i>Ocean Science</i> , 2011, 7, 101-109.   | 3.4 | 7         |
| 16 | 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        |
| 17 | Does local topography control hypoxia on the eastern Texas-Louisiana shelf?. <i>Journal of Marine Systems</i> , 2010, 80, 25-35.  | 2.1 | 62        |
| 18 | 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       |

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|----|--|-----|-----------|
| 19 | New Approaches to the Gulf Hypoxia Problem. <i>Eos</i> , 2010, 91, 173-173.  | 0.1 | 5         |
| 20 | Controlling Hypoxia on the U.S. Louisiana Shelf: Beyond the Nutrient-Centric View. <i>Eos</i> , 2008, 89, 236-237.   | 0.1 | 29        |
| 21 | Advances in coastal habitat restoration in the northern Gulf of Mexico. <i>Ecological Engineering</i> , 2006, 26, 1-5.   | 3.6 | 6         |
| 22 | Advances in Coastal Habitat Restoration in the Northern Gulf States. <i>Bulletin of the Ecological Society of America</i> , 2004, 85, 23-24.   | 0.2 | 1         |
| 23 | 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        |
| 24 | A Response to "Continental Shelf Hypoxia: Some Compelling Answers" by Donald F. Boesch, This Issue. <i>Gulf of Mexico Science</i> , 2003, 21, .  | 0.4 | 0         |
| 25 | 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        |
| 26 | Continental Shelf Hypoxia: Some Nagging Questions. <i>Gulf of Mexico Science</i> , 2002, 20, .   | 0.4 | 24        |
| 27 | Evolution of a Sustained Ocean Observing System. <i>Bulletin of the American Meteorological Society</i> , 2001, 82, 1369-1376.   | 3.3 | 12        |
| 28 | Satellite observations of upwelling on the continental shelf south of Madagascar. <i>Geophysical Research Letters</i> , 2000, 27, 3965-3968.   | 4.0 | 42        |
| 29 | Ocean data synthesis offers research opportunities. <i>Eos</i> , 2000, 81, 102-107.  | 0.1 | 0         |
| 30 | Characteristics of the South Atlantic subtropical frontal zone between 15°W and 5°E. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1998, 45, 167-192.   | 1.4 | 34        |
| 31 | The WOCE Data Resource. <i>Bulletin of the American Meteorological Society</i> , 1998, 79, 1037-1042.  | 3.3 | 0         |
| 32 | 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         |
| 33 | Upwelling systems: Evolution since the early Miocene. <i>Geochimica Et Cosmochimica Acta</i> , 1993, 57, 4326-4327.  | 3.9 | 0         |
| 34 | 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        |
| 35 | 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        |
| 36 | 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        |

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|----|---|-----|-----------|
| 37 | Evidence of Antarctic bottom water in the Angola Basin at 32°S. Deep-sea Research Part A, Oceanographic Research Papers, 1991, 38, 1299-1304.                                     | 1.5 | 32        |
| 38 | Does freezing of nutrient samples cause analytical errors?. African Journal of Marine Science, 1990, 9, 239-247.  | 0.6 | 18        |
| 39 | On the occurrence of oxygen-depleted water south of Africa and its implications for Agulhas-Atlantic mixing. African Journal of Marine Science, 1988, 7, 267-294.                 | 0.6 | 10        |
| 40 | Seasonality in the oxygen minimum layers at the extremities of the Benguela system. African Journal of Marine Science, 1987, 5, 85-94.  | 0.6 | 46        |
| 41 | Nutrients, chlorophyll and oxygen relationships in the surface layers at the Agulhas retroflection. Deep-sea Research Part A, Oceanographic Research Papers, 1987, 34, 1399-1416. | 1.5 | 16        |
| 42 | NUTRIENT CYCLING IN MARINE ECOSYSTEMS. Journal of the Limnological Society of Southern Africa, 1986, 12, 22-42.   | 0.1 | 1         |
| 43 | 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         |
| 44 | Commensal Cape fur seals in Cape Town docks. African Journal of Marine Science, 1984, 2, 81-91.   | 0.6 | 4         |
| 45 | Changes in iodine speciation in the Benguela current upwelling system. Deep-sea Research Part A, Oceanographic Research Papers, 1983, 30, 1247-1259.                              | 1.5 | 31        |
| 46 | Suggested mechanism for the chronic pollution by oil of beaches east of Cape Agulhas, South Africa. African Journal of Marine Science, 1983, 1, 231-244.                          | 0.6 | 28        |
| 47 | The sea surface microlayer: Measurements of dissolved iodine species and nutrients in coastal waters <sup>1</sup> . Limnology and Oceanography, 1981, 26, 387-390.                | 3.1 | 11        |
| 48 | Some ecological effects of the Venpet-Venoil collision. Marine Pollution Bulletin, 1979, 10, 60-63.   | 5.0 | 11        |
| 49 | The effect of nitrite on the spectrophotometric determination of iodate in seawater. Marine Chemistry, 1977, 5, 243-249.  | 2.3 | 16        |
| 50 | Optimisation of a catalytic procedure for the determination of total iodine in seawater. Marine Chemistry, 1976, 4, 29-42.  | 2.3 | 9         |