

Michael L Parsons

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,272
citations

331670

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345221

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39
docs citations

39
times ranked

2556
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Harmful algal blooms and eutrophication: Examining linkages from selected coastal regions of the United States. <i>Harmful Algae</i> , 2008, 8, 39-53. | 4.8 | 530 |
| 2 | Gambierdiscus and Ostreopsis: Reassessment of the state of knowledge of their taxonomy, geography, ecophysiology, and toxicology. <i>Harmful Algae</i> , 2012, 14, 107-129. | 4.8 | 231 |
| 3 | Sedimentological evidence of an increase in <i>Pseudo-nitzschia</i> (Bacillariophyceae) abundance in response to coastal eutrophication. <i>Limnology and Oceanography</i> , 2002, 47, 551-558. | 3.1 | 201 |
| 4 | Impact of a cyclonic eddy on phytoplankton community structure and photosynthetic competency in the subtropical North Pacific Ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2003, 50, 829-847. | 1.4 | 160 |
| 5 | SEDIMENTS TELL THE HISTORY OF EUTROPHICATION AND HYPOXIA IN THE NORTHERN GULF OF MEXICO. <i>Ecological Applications</i> , 2007, 17, S129. | 3.8 | 145 |
| 6 | A survey of epiphytic dinoflagellates from the coastal waters of the island of Hawaii. <i>Harmful Algae</i> , 2007, 6, 658-669. | 4.8 | 139 |
| 7 | EFFECT OF SALINITY ON PSEUDO-NITZSCHIA SPECIES (BACILLARIOPHYCEAE) GROWTH AND DISTRIBUTION. <i>Journal of Phycology</i> , 2005, 41, 21-29. | 2.3 | 108 |
| 8 | Influence of a cyclonic eddy on microheterotroph biomass and carbon export in the lee of Hawaii. <i>Geophysical Research Letters</i> , 2003, 30, . | 4.0 | 86 |
| 9 | PSEUDO-NITZSCHIA SPECIES (BACILLARIOPHYCEAE) IN LOUISIANA COASTAL WATERS: MOLECULAR PROBE FIELD TRIALS, GENETIC VARIABILITY, AND DOMOIC ACID ANALYSES. <i>Journal of Phycology</i> , 1999, 35, 1368-1378. | 2.3 | 82 |
| 10 | How Were Phytoplankton Affected by the Deepwater Horizon Oil Spill?. <i>BioScience</i> , 2014, 64, 829-836. | 4.9 | 62 |
| 11 | A simple model capable of simulating the population dynamics of Gambierdiscus, the benthic dinoflagellate responsible for ciguatera fish poisoning. <i>Harmful Algae</i> , 2010, 10, 71-80. | 4.8 | 54 |
| 12 | Influence of Environmental Variables on Gambierdiscus spp. (Dinophyceae) Growth and Distribution. <i>PLoS ONE</i> , 2016, 11, e0153197. | 2.5 | 52 |
| 13 | Centers for Oceans and Human Health: a unified approach to the challenge of harmful algal blooms. <i>Environmental Health</i> , 2008, 7, S2. | 4.0 | 50 |
| 14 | Oiling of the continental shelf and coastal marshes over eight years after the 2010 Deepwater Horizon oil spill. <i>Environmental Pollution</i> , 2019, 252, 1367-1376. | 7.5 | 38 |
| 15 | Marine phytoplankton responses to oil and dispersant exposures: Knowledge gained since the Deepwater Horizon oil spill. <i>Marine Pollution Bulletin</i> , 2021, 164, 112074. | 5.0 | 35 |
| 16 | A multivariate assessment of the coral ecosystem health of two embayments on the lee of the island of Hawaii. <i>Marine Pollution Bulletin</i> , 2008, 56, 1138-1149. | 5.0 | 33 |
| 17 | An examination of the epiphytic nature of Gambierdiscus toxicus, a dinoflagellate involved in ciguatera fish poisoning. <i>Harmful Algae</i> , 2011, 10, 598-605. | 4.8 | 31 |
| 18 | Gambierdiscus species exhibit different epiphytic behaviors toward a variety of macroalgal hosts. <i>Harmful Algae</i> , 2015, 49, 29-39. | 4.8 | 31 |

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|----|---|-----|-----------|
| 19 | Hydrogen peroxide measurements in subtropical aquatic systems and their implications for cyanobacterial blooms. <i>Ecological Engineering</i> , 2019, 138, 444-453. | 3.6 | 25 |
| 20 | Assessing the use of artificial substrates to monitor <i>Gambierdiscus</i> populations in the Florida Keys. <i>Harmful Algae</i> , 2017, 68, 52-66. | 4.8 | 24 |
| 21 | LSU rDNA based RFLP assays for the routine identification of <i>Gambierdiscus</i> species. <i>Harmful Algae</i> , 2017, 66, 20-28. | 4.8 | 23 |
| 22 | An assessment of <i>Pseudo-nitzschia</i> population dynamics and domoic acid production in coastal Louisiana. <i>Harmful Algae</i> , 2013, 30, 65-77. | 4.8 | 21 |
| 23 | Influence of freshwater discharge on the microbial degradation processes of dissolved organic nitrogen in a subtropical estuary. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 613-632. | 1.7 | 15 |
| 24 | Coastal Wetland Geomorphic and Vegetative Change: Effects of Sea-Level Rise and Water Management on Brackish Marshes. <i>Estuaries and Coasts</i> , 2019, 42, 1308-1327. | 2.2 | 14 |
| 25 | Development of fluorescence in situ hybridization (FISH) probes to detect and enumerate <i>Gambierdiscus</i> species. <i>Harmful Algae</i> , 2021, 101, 101914. | 4.8 | 14 |
| 26 | Comparison of Spatial and Temporal Genetic Differentiation in a Harmful Dinoflagellate Species Emphasizes Impact of Local Processes. <i>Frontiers in Marine Science</i> , 2018, 5, . | 2.5 | 12 |
| 27 | Shifts of Bacterioplankton Metabolic Profiles along the Salinity Gradient in a Subtropical Estuary. <i>ISRN Oceanography</i> , 2013, 2013, 1-12. | 0.5 | 9 |
| 28 | Succession pattern and phylotype analysis of microphytobenthic communities in a simulated oil spill seagrass mesocosm experiment. <i>Science of the Total Environment</i> , 2021, 784, 147053. | 8.0 | 8 |
| 29 | Phytoplankton diversity along spatial and temporal gradients in the Florida Keys. <i>Journal of Plankton Research</i> , 2017, 39, 531-549. | 1.8 | 8 |
| 30 | Examining the dynamic nature of epiphytic microalgae in the Florida Keys: What factors influence community composition?. <i>Journal of Experimental Marine Biology and Ecology</i> , 2021, 538, 151538. | 1.5 | 7 |
| 31 | Evaluation of 24-h screen deployments as a standardized platform to monitor <i>Gambierdiscus</i> populations in the Florida Keys and U.S. Virgin Islands. <i>Harmful Algae</i> , 2021, 103, 101998. | 4.8 | 5 |
| 32 | Phytoplankton dynamics in Louisiana estuaries: Building a baseline to understand current and future change. <i>Marine Pollution Bulletin</i> , 2022, 175, 113344. | 5.0 | 5 |
| 33 | Differences in the photoacclimation and photoprotection exhibited by two species of the ciguatera causing dinoflagellate genus, <i>Gambierdiscus</i> . <i>Harmful Algae</i> , 2017, 70, 90-97. | 4.8 | 4 |
| 34 | Mercury Biomagnification Through a Coral Reef Ecosystem. <i>Archives of Environmental Contamination and Toxicology</i> , 2018, 75, 121-133. | 4.1 | 4 |
| 35 | Characterization of common phytoplankton on the Louisiana shelf. <i>Marine Pollution Bulletin</i> , 2021, 168, 112458. | 5.0 | 4 |
| 36 | Determining the Sources of Macroalgae During Beach Stranding Events from Species Composition, Stable Isotope Analysis, and Laboratory Experiments. <i>Estuaries and Coasts</i> , 2019, 42, 719-730. | 2.2 | 2 |

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|----|--|----|-----------|
| 37 | Harmful Algal Species Fact Sheets. , 0, , 561-638. | | 0 |