

Francisco RodrÃ-guez HernÃ;ndez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5706751/publications.pdf>

Version: 2024-02-01

80
papers

3,917
citations

172457

29
h-index

128289

60
g-index

82
all docs

82
docs citations

82
times ranked

3419
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Methodologies for Providing In Situ Data to HAB Early Warning Systems in the European Atlantic Area: The PRIMROSE Experience. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	9
2	Morphological and molecular characterization of <i>Gambierdiscus caribaeus</i> (Dinophyceae), with a confirmation of its occurrence in the Colombian Caribbean Tayrona National Natural Park. <i>Botanica Marina</i> , 2021, 64, 149-159.	1.2	4
3	Paralytic and Amnesic Shellfish Toxins Impacts on Seabirds, Analyses and Management. <i>Toxins</i> , 2021, 13, 454.	3.4	11
4	Microbial Community Composition during a Bloom of Purple Bacteria in Intertidal Sediments in Vigo (Northwest Spain). <i>Microbiology Spectrum</i> , 2021, 9, e0123821.	3.0	0
5	Latitudinal Variation in the Toxicity and Sexual Compatibility of <i>Alexandrium catenella</i> Strains from Southern Chile. <i>Toxins</i> , 2021, 13, 900.	3.4	2
6	<i>Coolia guanchica</i> sp. nov. (Dinophyceae) a new epibenthic dinoflagellate from the Canary Islands (NE Atlantic Ocean). <i>European Journal of Phycology</i> , 2020, 55, 76-88.	2.0	11
7	<i>Dinophysis Ehrenberg</i> (Dinophyceae) in Southern Chile harbours red cryptophyte plastids from <i>Rhodomonas/Storeatula</i> clade. <i>Harmful Algae</i> , 2020, 99, 101907.	4.8	9
8	Epibenthic Harmful Marine Dinoflagellates from Fuerteventura (Canary Islands), with Special Reference to the Ciguatera-Toxin-Producing <i>Gambierdiscus</i> . <i>Journal of Marine Science and Engineering</i> , 2020, 8, 909.	2.6	11
9	First Report of Paralytic Shellfish Toxins in Marine Invertebrates and Fish in Spain. <i>Toxins</i> , 2020, 12, 723.	3.4	24
10	Morphological and molecular characterization of <i>Heterocapsa claromecoensis</i> sp. nov. (Peridiniales, Dinophyceae) from Buenos Aires coastal waters (Argentina). <i>European Journal of Phycology</i> , 2020, 55, 490-506.	2.0	5
11	Uptake of Inorganic and Organic Nitrogen Sources by <i>Dinophysis acuminata</i> and <i>D. acuta</i> . <i>Microorganisms</i> , 2020, 8, 187.	3.6	16
12	Confirmation of the wide host range of <i>Parvilucifera corolla</i> (Alveolata, Perkinsozoa). <i>European Journal of Protistology</i> , 2020, 74, 125690.	1.5	10
13	Morphology, genetics and toxin profile of <i>Prorocentrum texanum</i> (Dinophyceae) from Argentinian marine coastal waters. <i>Phycologia</i> , 2020, 59, 634-650.	1.4	5
14	Ciguatera-Causing Dinoflagellate <i>Gambierdiscus</i> spp. (Dinophyceae) in a Subtropical Region of North Atlantic Ocean (Canary Islands): Morphological Characterization and Biogeography. <i>Toxins</i> , 2019, 11, 423.	3.4	21
15	<i>Scrippsiella acuminata</i> versus <i>Scrippsiella ramonii</i> : A Physiological Comparison. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 985-996.	1.5	3
16	Effects of small-scale turbulence on two species of <i>Dinophysis</i> . <i>Harmful Algae</i> , 2019, 89, 101654.	4.8	9
17	Morphology, molecular phylogeny and toxinology of <i>Coolia</i> and <i>Prorocentrum</i> strains isolated from the tropical South Western Atlantic Ocean. <i>Botanica Marina</i> , 2019, 62, 125-140.	1.2	9
18	Single-cell PCR amplification of thecate dinoflagellates: a case study of <i>Triplos</i> (Dinophyceae). <i>Journal of Applied Phycology</i> , 2018, 30, 1117-1124.	2.8	8

#	ARTICLE	IF	CITATIONS
19	<i>Ceratocorys mariaovidiorum</i> sp. nov. (Gonyaulacales), a new dinoflagellate species previously reported as <i>Protoceratium reticulatum</i> . <i>Journal of Phycology</i> , 2018, 54, 126-137.	2.3	9
20	Benthic flattened cells of the phylogenetically related marine dinoflagellates <i>Protoceratium reticulatum</i> and <i>Ceratocorys mariaovidiorum</i> (Gonyaulacales): a new type of cyst?. <i>Journal of Phycology</i> , 2018, 54, 138-149.	2.3	7
21	Notes on the Cultivation of Two Mixotrophic Dinophysis Species and Their Ciliate Prey <i>Mesodinium rubrum</i> . <i>Toxins</i> , 2018, 10, 505.	3.4	14
22	Comparative ecophysiology of <i>Dinophysis acuminata</i> and <i>D. acuta</i> (DINOPHYCEAE,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 photosynthesis. <i>Journal of Phycology</i> , 2018, 54, 899-917.	2.3	16
23	Metabolomic Profiles of <i>Dinophysis acuminata</i> and <i>Dinophysis acuta</i> Using Non-Targeted High-Resolution Mass Spectrometry: Effect of Nutritional Status and Prey. <i>Marine Drugs</i> , 2018, 16, 143.	4.6	13
24	The toxic benthic dinoflagellate <i>Prorocentrum maculosum</i> Faust is a synonym of <i>Prorocentrum hoffmannianum</i> Faust. <i>Harmful Algae</i> , 2018, 78, 1-8.	4.8	19
25	A novel species of the marine cyanobacterium <i>Acaryochloris</i> with a unique pigment content and lifestyle. <i>Scientific Reports</i> , 2018, 8, 9142.	3.3	28
26	Morphological and molecular study of the cyanobiont-bearing dinoflagellate <i>Sinophysis canaliculata</i> from the Canary Islands (eastern central Atlantic). <i>Journal of Phycology</i> , 2017, 53, 446-450.	2.3	5
27	Life-cycle, ultrastructure, and phylogeny of <i>Parvilucifera corolla</i> sp. nov. (Alveolata, Perkinsozoa), a parasitoid of dinoflagellates. <i>European Journal of Protistology</i> , 2017, 58, 9-25.	1.5	22
28	Chloropicophyceae, a new class of picophytoplanktonic prasinophytes. <i>Scientific Reports</i> , 2017, 7, 14019.	3.3	40
29	Toxin production, growth kinetics and molecular characterization of <i>Ostreopsis cf. ovata</i> isolated from Todos os Santos Bay, tropical southwestern Atlantic. <i>Toxicon</i> , 2017, 138, 18-30.	1.6	15
30	Canary Islands (NE Atlantic) as a biodiversity "hotspot" of <i>Gambierdiscus</i> : Implications for future trends of ciguatera in the area. <i>Harmful Algae</i> , 2017, 67, 131-143.	4.8	58
31	Morphology and phylogeny of <i>Prorocentrum caipirignum</i> sp. nov. (Dinophyceae), a new tropical toxic benthic dinoflagellate. <i>Harmful Algae</i> , 2017, 70, 73-89.	4.8	40
32	<i>Gambierdiscus balechii</i> sp. nov. (Dinophyceae), a new benthic toxic dinoflagellate from the Celebes Sea (SW Pacific Ocean). <i>Harmful Algae</i> , 2016, 58, 93-105.	4.8	53
33	Divinyl chlorophyll <i>a</i> in the marine eukaryotic protist <i>Alexandrium ostenfeldii</i> (Dinophyceae). <i>Environmental Microbiology</i> , 2016, 18, 627-643.	3.8	15
34	Pigment variations in <i>Emiliania huxleyi</i> (CCMP370) as a response to changes in light intensity or quality. <i>Environmental Microbiology</i> , 2016, 18, 4412-4425.	3.8	21
35	Photosynthetic pigments of oceanic Chlorophyta belonging to prasinophytes clade VII. <i>Journal of Phycology</i> , 2016, 52, 148-155.	2.3	19
36	19,19- ² -Diacyloxy Signature: An Atypical Level of Structural Evolution in Carotenoid Pigments. <i>Organic Letters</i> , 2016, 18, 4642-4645.	4.6	6

#	ARTICLE	IF	CITATIONS
37	Genetic and toxinological characterization of North Atlantic strains of the dinoflagellate <i>Ostreopsis</i> and allelopathic interactions with toxic and non-toxic species from the genera <i>Prorocentrum</i> , <i>Coolia</i> and <i>Gambierdiscus</i> . <i>Harmful Algae</i> , 2016, 60, 57-69.	4.8	18
38	Distribution, occurrence and biotoxin composition of the main shellfish toxin producing microalgae within European waters: A comparison of methods of analysis. <i>Harmful Algae</i> , 2016, 55, 112-120.	4.8	28
39	Differences in the toxin profiles of <i>Alexandrium ostenfeldii</i> (Dinophyceae) strains isolated from different geographic origins: Evidence of paralytic toxin, spirolide, and gymnodimine. <i>Toxicon</i> , 2015, 103, 85-98.	1.6	66
40	Origin of cryptophyte plastids in <i>Dinophysis</i> from Galician waters: results from field and culture experiments. <i>Aquatic Microbial Ecology</i> , 2015, 76, 163-174.	1.8	15
41	Genus <i>Gambierdiscus</i> in the Canary Islands (NE Atlantic Ocean) with Description of <i>Gambierdiscus silvae</i> sp. nov., a New Potentially Toxic Epiphytic Benthic Dinoflagellate. <i>Protist</i> , 2014, 165, 839-853.	1.5	102
42	Ribosomal DNA Organization Patterns within the Dinoflagellate Genus <i>Alexandrium</i> as Revealed by FISH: Life Cycle and Evolutionary Implications. <i>Protist</i> , 2014, 165, 343-363.	1.5	28
43	<i>Dinophysis</i> Toxins: Causative Organisms, Distribution and Fate in Shellfish. <i>Marine Drugs</i> , 2014, 12, 394-461.	4.6	293
44	Feeding of <i>Fragilidium</i> cf. <i>duplocampanaeforme</i> and <i>F. subglobosum</i> on four <i>Dinophysis</i> species: prey specificity, local adaptation and fate of toxins. <i>Aquatic Microbial Ecology</i> , 2014, 72, 241-253.	1.8	8
45	Molecular probes and microarrays for the detection of toxic algae in the genera <i>Dinophysis</i> and <i>Phalacroma</i> (Dinophyta). <i>Environmental Science and Pollution Research</i> , 2013, 20, 6733-6750.	5.3	21
46	Chlorophyll <i>c</i> ₁₇₀ Isolated from <i>Ostreococcus</i> sp. Is [7-Methoxycarbonyl-8-vinyl]protochlorophyllide <i>a</i> . <i>Organic Letters</i> , 2013, 15, 4430-4433.	4.6	10
47	First report of the toxin profile of <i>Dinophysis sacculus</i> Stein from LC-MS analysis of laboratory cultures. <i>Toxicon</i> , 2013, 76, 221-224.	1.6	18
48	Are the mitochondrial <i>cox1</i> and <i>cob</i> genes suitable markers for species of <i>Dinophysis</i> Ehrenberg?. <i>Harmful Algae</i> , 2013, 28, 64-70.	4.8	19
49	Pigment composition in three <i>Dinophysis</i> species (Dinophyceae) and the associated cultures of <i>Mesodinium rubrum</i> and <i>Teleaulax amphioxeia</i> . <i>Journal of Plankton Research</i> , 2013, 35, 433-437.	1.8	28
50	Characterization of <i>Phaeocystis globosa</i> (Prymnesiophyceae), the blooming species in the Southern North Sea. <i>Journal of Sea Research</i> , 2013, 76, 105-113.	1.6	55
51	Notes on <i>Ostreopsis</i> sp. from Southern-Central Coast of Cuba. <i>Cryptogamie, Algologie</i> , 2012, 33, 217-224.	0.9	6
52	Review of the Main Ecological Features Affecting Benthic Dinoflagellate Blooms. <i>Cryptogamie, Algologie</i> , 2012, 33, 171-179.	0.9	54
53	Management of <i>Ostreopsis</i> Blooms in Recreational waters along the Catalan Coast (NW Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Algologie</i> , 2012, 33, 143-152.	0.9	25
54	The Genus <i>Ostreopsis</i> along the Algerian Coastal Waters (SW Mediterranean Sea) Associated with a Human Respiratory Intoxication Episode. <i>Cryptogamie, Algologie</i> , 2012, 33, 209-216.	0.9	41

#	ARTICLE	IF	CITATIONS
55	Pigment-based chloroplast types in dinoflagellates. <i>Marine Ecology - Progress Series</i> , 2012, 465, 33-52.	1.9	106
56	Morphological variability, toxinology and genetics of the dinoflagellate <i>Dinophysis tripos</i> (Dinophysiaceae, Dinophysiales). <i>Harmful Algae</i> , 2012, 13, 26-33.	4.8	39
57	Life cycle stages of the benthic palytoxin-producing dinoflagellate <i>Ostreopsis cf. ovata</i> (Dinophyceae). <i>Harmful Algae</i> , 2012, 18, 24-34.	4.8	43
58	<i>Gambierdiscus excentricus</i> sp. nov. (Dinophyceae), a benthic toxic dinoflagellate from the Canary Islands (NE Atlantic Ocean). <i>Harmful Algae</i> , 2011, 11, 10-22.	4.8	156
59	CHLOROPHYLL <i>c</i> PIGMENT PATTERNS IN 18 SPECIES (51 STRAINS) OF THE GENUS <i>PSEUDONITZSCHIA</i> (BACILLARIOPHYCEAE). <i>Journal of Phycology</i> , 2011, 47, 1274-1280.	2.3	26
60	Host-parasite relationship of the geoduck <i>Panopea abbreviata</i> and the green alga <i>Coccomyxa parasitica</i> in the Argentinean Patagonian coast. <i>Journal of Invertebrate Pathology</i> , 2010, 105, 254-260.	3.2	21
61	OCCURRENCE OF LOROXANTHIN, LOROXANTHIN DECENOATE, AND LOROXANTHIN DODECENOATE IN <i>TETRAELMIS</i> SPECIES (PRASINOPHYCEAE, CHLOROPHYTA). <i>Journal of Phycology</i> , 2009, 45, 366-374.	2.3	32
62	Contrasting photoacclimation costs in ecotypes of the marine eukaryotic picoplankton <i>Ostreococcus</i> . <i>Limnology and Oceanography</i> , 2008, 53, 255-265.	3.1	83
63	Phylogenetic and morphological characterisation of the green algae infesting blue mussel <i>Mytilus edulis</i> in the North and South Atlantic oceans. <i>Diseases of Aquatic Organisms</i> , 2008, 81, 231-240.	1.0	39
64	Size-fractionated phytoplankton diversity in the NW Iberian coast: a combination of microscopic, pigment and molecular analyses. <i>Aquatic Microbial Ecology</i> , 2007, 49, 255-265.	1.8	32
65	Photoacclimation in phytoplankton: implications for biomass estimates, pigment functionality and chemotaxonomy. <i>Marine Biology</i> , 2006, 148, 963-971.	1.5	91
66	Size-fractionated phytoplankton pigment groups in the NW Iberian upwelling system: impact of the Iberian Poleward Current. <i>Marine Ecology - Progress Series</i> , 2006, 323, 59-73.	1.9	36
67	Ecotype diversity in the marine picoeukaryote <i>Ostreococcus</i> (Chlorophyta, Prasinophyceae). <i>Environmental Microbiology</i> , 2005, 7, 853-859.	3.8	185
68	New Insights into the Nature and Phylogeny of Prasinophyte Antenna Proteins: <i>Ostreococcus tauri</i> , a Case Study. <i>Molecular Biology and Evolution</i> , 2005, 22, 2217-2230.	8.9	69
69	The spatial distribution of plankton communities in a Slope Water anticyclonic Oceanic eDDY (SWODDY) in the southern Bay of Biscay. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2004, 84, 501-517.	0.8	29
70	Photosynthetic pigments in 37 species (65 strains) of Haptophyta: implications for oceanography and chemotaxonomy. <i>Marine Ecology - Progress Series</i> , 2004, 270, 83-102.	1.9	225
71	Phytoplankton and pigment distributions in an anticyclonic slope water oceanic eddy (SWODDY) in the southern Bay of Biscay. <i>Marine Biology</i> , 2003, 143, 995-1011.	1.5	49
72	Temporal variation in phytoplankton assemblages and pigment composition at a fixed station of the Ría of Pontevedra (NW Spain). <i>Estuarine, Coastal and Shelf Science</i> , 2003, 58, 499-515.	2.1	55

#	ARTICLE	IF	CITATIONS
73	Rapid separation of chlorophylls a and b and their demetallated and dephytylated derivatives using a monolithic silica C18 column and a pyridine-containing mobile phase. <i>Journal of Chromatography A</i> , 2003, 994, 85-92.	3.7	19
74	Phytoplankton assemblages in the Gerlache and Bransfield Straits (Antarctic Peninsula) determined by light microscopy and CHEMTAX analysis of HPLC pigment data. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2002, 49, 723-747.	1.4	119
75	Losses of chlorophylls and carotenoids in aqueous acetone and methanol extracts prepared for RPHPLC analysis of pigments. <i>Chromatographia</i> , 2001, 53, 385-391.	1.3	60
76	Chlorophyll c2 monogalactosyldiacylglyceride ester (chl c2-MGDG). A novel marker pigment for <i>Chrysochromulina</i> species (Haptophyta). <i>Marine Ecology - Progress Series</i> , 2001, 219, 85-98.	1.9	47
77	Temporal variability of viruses, bacteria, phytoplankton and zooplankton in the western English Channel off Plymouth. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2000, 80, 575-586.	0.8	36
78	Separation of chlorophylls and carotenoids from marine phytoplankton: a new HPLC method using a reversed phase C8 column and pyridine-containing mobile phases. <i>Marine Ecology - Progress Series</i> , 2000, 195, 29-45.	1.9	897
79	High performance liquid chromatographic separation of chlorophyllc forms from marine phytoplankton on octylsilica bonded phases. <i>Chromatographia</i> , 1998, 48, 677-680.	1.3	11
80	New HPLC separation techniques. , 0, , 165-194.		10