

# Nicolas ChomÃ©rat

## List of Publications by Year in descending order

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67  
papers

1,487  
citations

331259

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360668

35  
g-index

67  
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67  
docs citations

67  
times ranked

1020  
citing authors

#	ARTICLE	IF	CITATIONS
1	First insights on the diversity of the genus <i>Ostreopsis</i> (Dinophyceae, Gonyaulacales) in Guadeloupe Island, with emphasis on the phylogenetic position of <i>O. heptagona</i> . <i>European Journal of Protistology</i> , 2022, 83, 125875.	0.5	5
2	Prediction of <i>Alexandrium</i> and <i>Dinophysis</i> algal blooms and shellfish contamination in French Mediterranean Lagoons using decision trees and linear regression: a result of 10 years of sanitary monitoring. <i>Harmful Algae</i> , 2022, 115, 102234.	2.2	6
3	<i>Liza ramada</i> Juveniles after Exposure to the Toxic Dinoflagellate <i>Vulcanodinium rugosum</i> : Effects on Fish Viability, Tissue Contamination and Microalgae Survival after Gut Passage. <i>Toxins</i> , 2022, 14, 401.	1.5	3
4	First Characterization of <i>Ostreopsis</i> cf. <i>ovata</i> (Dinophyceae) and Detection of Ovatoxins during a Multispecific and Toxic <i>Ostreopsis</i> Bloom on French Atlantic Coast. <i>Marine Drugs</i> , 2022, 20, 461.	2.2	13
5	Summer bloom of <i>Vulcanodinium rugosum</i> in Cienfuegos Bay (Cuba) associated to dermatitis in swimmers. <i>Science of the Total Environment</i> , 2021, 757, 143782.	3.9	15
6	Morpho-molecular and spectroscopic characterization of the freshwater dinoflagellate <i>Unruhdinium penardii</i> var. <i>robustum</i> (Kryptoperidiniaceae, Peridinales), blooming in the Loir River, France. <i>Nova Hedwigia</i> , 2021, 112, 283-306.	0.2	5
7	Characterization of toxin-producing strains of <i>Dinophysis</i> spp. (Dinophyceae) isolated from French coastal waters, with a particular focus on the <i>D. acuminata</i> -complex. <i>Harmful Algae</i> , 2021, 107, 101974.	2.2	11
8	Transient effect of bisphenol A (BPA) and di-(2-ethylhexyl) phthalate (DEHP) on the cosmopolitan marine diatom <i>Chaetoceros decipiens-lorenzianus</i> . <i>Environmental Pollution</i> , 2021, 285, 117362.	3.7	5
9	A new potentially toxic dinoflagellate <i>Fukuyoa koreansis</i> sp. nov. (Gonyaulacales, Dinophyceae) from Korean coastal waters: Morphology, phylogeny, and effects of temperature and salinity on growth. <i>Harmful Algae</i> , 2021, 109, 102107.	2.2	11
10	Morphological and phylogenetic data do not support the split of <i>Alexandrium</i> into four genera. <i>Harmful Algae</i> , 2020, 98, 101902.	2.2	21
11	Taxonomy and toxicity of a bloom-forming <i>Ostreopsis</i> species (Dinophyceae, Gonyaulacales) in Tahiti island (South Pacific Ocean): one step further towards resolving the identity of <i>O. siamensis</i> . <i>Harmful Algae</i> , 2020, 98, 101888.	2.2	12
12	Diversity and Toxicity of the Genus <i>Coolia</i> Meunier in Brazil, and Detection of 44-methyl Gambierone in <i>Coolia tropicalis</i> . <i>Toxins</i> , 2020, 12, 327.	1.5	25
13	Reinvestigation of <i>Ostreopsis mascarenensis</i> Quod (Dinophyceae, Gonyaulacales) from Réunion Island (SW Indian Ocean): molecular phylogeny and emended description. <i>Phycologia</i> , 2020, 59, 140-153.	0.6	11
14	Unsuspected intraspecific variability in the toxin production, growth and morphology of the dinoflagellate <i>Alexandrium pacificum</i> R.W. Litaker (Group IV) blooming in a South Western Mediterranean marine ecosystem, Annaba Bay (Algeria). <i>Toxicon</i> , 2020, 180, 79-88.	0.8	13
15	Distribution of Potentially Toxic Epiphytic Dinoflagellates in Saint Martin Island (Caribbean Sea.) <i>Tj ETQq1 1 0.784314 rgBT /Qverlock 10</i>	0.3	3
16	Variations in morphology, growth, and toxicity among strains of the <i>Prorocentrum lima</i> species complex isolated from Cuba and Brazil. <i>Journal of Applied Phycology</i> , 2019, 31, 519-532.	1.5	24
17	A taxonomical study of benthic <i>Prorocentrum</i> species (Prorocentrales, Dinophyceae) from Anse Dufour (Martinique Island, eastern Caribbean Sea). <i>Marine Biodiversity</i> , 2019, 49, 1299-1319.	0.3	21
18	Morphology, growth, toxin production, and toxicity of cultured marine benthic dinoflagellates from Brazil and Cuba. <i>Journal of Applied Phycology</i> , 2019, 31, 3699-3719.	1.5	10

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19	Direct evidence for toxin production by <i>Pseudo-nitzschia plurisecta</i> (Bacillariophyceae) and extension of its distribution area. <i>European Journal of Phycology</i> , 2019, 54, 585-594.	0.9	6
20	<i>Ostreopsis</i> cf. <i>ovata</i> Bloom in Currais, Brazil: Phylogeny, Toxin Profile and Contamination of Mussels and Marine Plastic Litter. <i>Toxins</i> , 2019, 11, 446.	1.5	40
21	Morphology, toxicity and molecular characterization of <i>Gambierdiscus</i> spp. towards risk assessment of ciguatera in south central Cuba. <i>Harmful Algae</i> , 2019, 86, 119-127.	2.2	19
22	Discovery of a New Clade Nested Within the Genus <i>Alexandrium</i> (Dinophyceae): Morpho-molecular Characterization of <i>Centrodinium punctatum</i> (Cleve) F.J.R. Taylor. <i>Protist</i> , 2019, 170, 168-186.	0.6	20
23	Taxonomy and toxicity of <i>Prorocentrum</i> from Perhentian Islands (Malaysia), with a description of a non-toxicogenic species <i>Prorocentrum malayense</i> sp. nov. (Dinophyceae). <i>Harmful Algae</i> , 2019, 83, 95-108.	2.2	22
24	<i>Ostreopsis lenticularis</i> Y. Fukuyo (Dinophyceae, Gonyaulacales) from French Polynesia (South Pacific) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	2.2	29
25	Ciguatoxin Occurrence in Food-Web Components of a Cuban Coral Reef Ecosystem: Risk-Assessment Implications. <i>Toxins</i> , 2019, 11, 722.	1.5	31
26	<i>Laciniporus arabicus</i> gen. et sp. nov. (Dinophyceae, Peridinales), a new thecate, marine, sand-dwelling dinoflagellate from the northern Indian Ocean (Arabian Sea) <sup>1</sup> . <i>Journal of Phycology</i> , 2019, 55, 84-103.	1.0	6
27	<i>Adenoides sinensis</i> , a new sand-dwelling dinoflagellate species from China and reexamination of <i>Adenoides eludens</i> from an Atlantic strain. <i>Phycologia</i> , 2018, 57, 179-190.	0.6	2
28	Taxonomic Re-Investigation and Geochemical Characterization of Reid's (1974) Species of <i>Spiniferites</i> from Holotype and Topotype Material. <i>Palynology</i> , 2018, 42, 93-110.	0.7	19
29	Taxonomic revision of <i>Spiniferites elongatus</i> (the resting stage of <i>Gonyaulax elongata</i> ) based on morphological and molecular analyses. <i>Palynology</i> , 2018, 42, 111-134.	0.7	10
30	Description and phylogenetic position of <i>Plagiolemma distortum</i> sp. nov., a new raphid diatom (Bacillariophyceae) from French coastal waters. <i>Diatom Research</i> , 2018, 33, 13-24.	0.5	2
31	Morpho-molecular diversity and phylogeny of <i>Bysmatrum</i> (Dinophyceae) from the South China Sea and France. <i>European Journal of Phycology</i> , 2018, 53, 318-335.	0.9	7
32	Studies on the benthic genus <i>Sinophysis</i> (Dinophysales, Dinophyceae) II. <i>S. canaliculata</i> from Rapa Island (French Polynesia). <i>Phycologia</i> , 2017, 56, 193-203.	0.6	10
33	Adding new pieces to the <i>Azadinium</i> (Dinophyceae) diversity and biogeography puzzle: Non-toxicogenic <i>Azadinium zhuanum</i> sp. nov. from China, toxicogenic <i>A. poporum</i> from the Mediterranean, and a non-toxicogenic <i>A. dalianense</i> from the French Atlantic. <i>Harmful Algae</i> , 2017, 66, 65-78.	2.2	30
34	First record of resting cysts of the benthic dinoflagellate <i>Prorocentrum leve</i> in a natural reservoir in Gujan-Mestras, Gironde, France. <i>Journal of Phycology</i> , 2017, 53, 1193-1205.	1.0	15
35	Toxin and Growth Responses of the Neurotoxic Dinoflagellate <i>Vulcanodinium rugosum</i> to Varying Temperature and Salinity. <i>Toxins</i> , 2016, 8, 136.	1.5	15
36	Toxicity and Growth Assessments of Three Thermophilic Benthic Dinoflagellates ( <i>Ostreopsis</i> cf. <i>ovata</i> ), <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i> 2016, 8, 297.	1.5	59

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37	Taxonomic characterization of a brackish water, bloom-forming <i>Peridiniopsis</i> species (Peridinales,) Tj ETQq1 1 0.784314 rgBT <sub>2</sub> /Overlo	1.2	14
38	Evolutionary processes and cellular functions underlying divergence in <i>Alexandrium minutum</i> . Molecular Ecology, 2016, 25, 5129-5143.	2.0	25
39	Studies on the benthic genus <i>Sinophysis</i> (Dinophysales, Dinophyceae): I. a taxonomic investigation from Martinique Island, including two new species and elucidation of the epithecal plate pattern. Phycologia, 2016, 55, 445-461.	0.6	14
40	Dynamics of phytoplankton communities in eutrophying tropical shrimp ponds affected by vibriosis. Marine Pollution Bulletin, 2016, 110, 449-459.	2.3	18
41	An emended description and phylogeny of the little-known <i>Prorocentrum sipadanense</i> Mohammad-Noor, Daugbjerg & Moestrup (Prorocentrales, Dinophyceae) from the Indian Ocean, Oman. European Journal of Phycology, 2016, 51, 270-281.	0.9	3
42	First report of goniiodomin A production by the dinoflagellate <i>Alexandrium pseudogonyaulax</i> developing in southern Mediterranean (Bizerte Lagoon, Tunisia). Toxicon, 2016, 111, 91-99.	0.8	25
43	Morphology and spatial distribution of <i>Cabra</i> species (Dinophyceae, Peridinales) from Peter the Great Bay (northwestern Sea of Japan), including the description of <i>C. levis</i> sp. nov.. European Journal of Phycology, 2015, 50, 80-91.	0.9	5
44	<i>Alexandrium pacificum</i> Litaker sp. nov (Group IV): Resting cyst distribution and toxin profile of vegetative cells in Bizerte Lagoon (Tunisia, Southern Mediterranean Sea). Harmful Algae, 2015, 48, 69-82.	2.2	40
45	Complex Toxin Profile of French Mediterranean <i>Ostreopsis</i> cf. <i>ovata</i> Strains, Seafood Accumulation and Ovatoxins Prepurification. Marine Drugs, 2014, 12, 2851-2876.	2.2	78
46	Genetic diversity of the harmful family Kareniaceae (Gymnodiniales, Dinophyceae) in France, with the description of <i>Karlodinium gentienii</i> sp. nov.: A new potentially toxic dinoflagellate. Harmful Algae, 2014, 40, 75-91.	2.2	62
47	<i>Ailadinium reticulatum</i> gen. et sp. nov. (Dinophyceae), a New Thecate, Marine, Sand-dwelling Dinoflagellate from the Northern Red Sea. Journal of Phycology, 2014, 50, 1120-1136.	1.0	13
48	<i>Madanidinium loirii</i> gen. et sp. nov. (Dinophyceae), a new marine benthic dinoflagellate from Martinique Island, Eastern Caribbean. European Journal of Phycology, 2014, 49, 165-178.	0.9	14
49	Taxonomy and phylogeny of the benthic <i>Prorocentrum</i> species (Dinophyceae) – A proposal and review. Harmful Algae, 2013, 27, 1-28.	2.2	128
50	<i>Ostreopsis</i> cf. <i>ovata</i> in the French Mediterranean Coast: Molecular Characterisation and Toxin Profile. Cryptogamie, Algologie, 2012, 33, 89-98.	0.3	17
51	Morphology and SSU rDNA phylogeny of <i>Durinskia agilis</i> (Kofoid & Swezy) comb. nov. (Peridinales,) Tj ETQq1 1 0.784314 rgBT /Overlo Gymnodinium. Phycologia, 2012, 51, 287-302.	0.6	16
52	Interactions between Scientists, Managers and Policy Makers in the Framework of the French MediOs Project on <i>Ostreopsis</i> (2008–2010). Cryptogamie, Algologie, 2012, 33, 137-142.	0.3	27
53	Three Dinophyceae from Clipperton Island lagoon (eastern Pacific Ocean), including a description of <i>Peridiniopsis</i> <i>cristata</i> var. <i>tubulifera</i> var. nov.. Botanica Marina, 2012, 55, 59-71.	0.6	5
54	Ovatoxin-a and Palytoxin Accumulation in Seafood in Relation to <i>Ostreopsis</i> cf. <i>ovata</i> Blooms on the French Mediterranean Coast. Marine Drugs, 2012, 10, 477-496.	2.2	125

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55	<i>PROROCENTRUM BIMACULATUM</i> SP. NOV. (DINOPHYCEAE, PROROCENTRALES), A NEW BENTHIC DINOFLAGELLATE SPECIES FROM KUWAIT (ARABIAN GULF). <i>Journal of Phycology</i> , 2012, 48, 211-221.	1.0	12
56	TAXONOMIC REVISION OF THE DINOFLAGELLATE <i>AMPHIDOMA CAUDATA</i> : TRANSFER TO THE GENUS <i>AZADINIUM</i> (DINOPHYCEAE) AND PROPOSAL OF TWO VARIETIES, BASED ON MORPHOLOGICAL AND MOLECULAR PHYLOGENETIC ANALYSES. <i>Journal of Phycology</i> , 2012, 48, 925-939.	1.0	43
57	<i>Vulcanodinium rugosum</i> gen. et sp. nov. (Dinophyceae), un Nouveau Dinoflagellé Marin de la Côte Méditerranéenne Française. <i>Cryptogamie, Algologie</i> , 2011, 32, 3-18.	0.3	70
58	<i>Prorocentrum glenanicum</i> sp. nov. and <i>Prorocentrum pseudopanamense</i> sp. nov. (Prorocentrales, Dinophyceae), two new benthic dinoflagellate species from South Brittany (northwestern France). <i>Phycologia</i> , 2011, 50, 202-214.	0.6	15
59	Further investigations on the sand-dwelling genus <i>Cabra</i> (Dinophyceae, Peridinales) in South Brittany (northwestern France), including the description of <i>C. aremorica</i> sp. nov.. <i>Marine Biodiversity</i> , 2010, 40, 131-142.	0.3	12
60	MORPHOLOGY AND MOLECULAR PHYLOGENY OF <i>PROROCENTRUM CONSUTUM</i> SP. NOV. (DINOPHYCEAE), A NEW BENTHIC DINOFLAGELLATE FROM SOUTH BRITTANY (NORTHWESTERN FRANCE)1. <i>Journal of Phycology</i> , 2010, 46, 183-194.	1.0	30
61	<i>Cabra reticulata</i> sp. nov. (Dinophyceae), a new sand-dwelling dinoflagellate from the Atlantic Ocean. <i>European Journal of Phycology</i> , 2009, 44, 415-423.	0.9	9
62	<i>Fragilidium duplocampanaeforme</i> sp. nov. (Dinophyceae): A new phagotrophic dinoflagellate from the French Atlantic coast. <i>European Journal of Protistology</i> , 2009, 45, 2-12.	0.5	13
63	<i>Sinophysia verruculosa</i> sp. nov. (Dinophysiales, Dinophyceae), a new sand-dwelling dinoflagellate from South Brittany, northwestern France. <i>Botanica Marina</i> , 2009, 52, 69-79.	0.6	9
64	<i>Protoperidinium bolmonense</i> sp. nov. (Peridinales, Dinophyceae), a small dinoflagellate from a brackish hypereutrophic lagoon (South of France). <i>Phycologia</i> , 2008, 47, 392-403.	0.6	50
65	Seasonal succession of cyanoprokaryotes in a hypereutrophic oligo-mesohaline lagoon from the South of France. <i>Estuarine, Coastal and Shelf Science</i> , 2007, 72, 591-602.	0.9	37
66	Morphology and ecology of <i>Oblea rotunda</i> (Diplopsalidaceae, Dinophyceae) from a new habitat: a brackish and hypertrophic ecosystem, the Étang de Bolmon (South of France).. <i>European Journal of Phycology</i> , 2004, 39, 317-326.	0.9	8
67	Morphology and molecular phylogeny of <i>Bindiferia</i> gen. nov. (Dinophyceae), a new marine, sand-dwelling dinoflagellate genus formerly classified within <i>Amphidinium</i> . <i>Phycologia</i> , 0, , 1-13.	0.6	6