

Romain Gastineau

List of Publications by Year in descending order

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56
papers

851
citations

623188

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895
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#	ARTICLE	IF	CITATIONS
1	The complete chloroplast genome of <i>Secale sylvestre</i> (Poaceae: Triticeae). <i>Journal of Applied Genetics</i> , 2022, 63, 115-117.	1.0	4
2	Hammerhead flatworms (Platyhelminthes, Geoplanidae, Bipaliinae): mitochondrial genomes and description of two new species from France, Italy, and Mayotte. <i>PeerJ</i> , 2022, 10, e12725.	0.9	10
3	Semi-continuous system for benthic diatom cultivation and marennine production. <i>Algal Research</i> , 2022, 62, 102633.	2.4	2
4	What Was Old Is New Again: The Pennate Diatom <i>Haslea ostrearia</i> (Gaillon) Simonsen in the Multi-Omic Age. <i>Marine Drugs</i> , 2022, 20, 234.	2.2	5
5	Redescription, complete mitochondrial genome and phylogenetic relationships of <i>Hexostoma thynni</i> (Delaroche, 1811) Rafinesque, 1815 (Monogenea, Hexostomatidae). <i>Parasite</i> , 2022, 29, 29.	0.8	5
6	The invasive land flatworm <i>Obama nungara</i> in La Réunion, a French island in the Indian Ocean, the first report of the species for Africa. <i>Zootaxa</i> , 2022, 5154, 469-476.	0.2	3
7	Three new <i>Achnanthydium</i> (Bacillariophyceae) species from Lake Salda (Anatolia, Turkey), a deep soda lake. <i>Plant Ecology and Evolution</i> , 2022, 155, 221-235.	0.3	0
8	SARS-CoV-2 Whole-Genome Sequencing by Ion S5 Technology—Challenges, Protocol Optimization and Success Rates for Different Strains. <i>Viruses</i> , 2022, 14, 1230.	1.5	0
9	Morphological and molecular identification reveals that waters from an isolated oasis in Tamanrasset (extreme South of Algerian Sahara) are colonized by opportunistic and pollution-tolerant diatom species. <i>Ecological Indicators</i> , 2021, 121, 107104.	2.6	9
10	The Sexual Reproduction and Life Cycle of the Pennate Diatom <i>Entomoneis</i> cf. <i>paludosa</i> (W. Smith) Reimer (Bacillariophyta). <i>Russian Journal of Marine Biology</i> , 2021, 47, 19-28.	0.2	3
11	A gene-rich and compact chloroplast genome of the green alga <i>Nephroselmis pyriformis</i> (N.Carter) Ettl 1982 from the shores of Mersin (Eastern Mediterranean Sea). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 308-310.	0.2	1
12	New observations on the large hemidiscoid diatom <i>Palmerina ostenfeldii</i> and its symbiotic ciliate <i>Vaginicola collariforma</i> sp. nov. from subtropical Australian waters. <i>Diatom Research</i> , 2021, 36, 75-91.	0.5	1
13	<i>Haslea silbo</i> , A Novel Cosmopolitan Species of Blue Diatoms. <i>Biology</i> , 2021, 10, 328.	1.3	12
14	Extreme Enlargement of the Inverted Repeat Region in the Plastid Genomes of Diatoms from the Genus <i>Climaconeis</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 7155.	1.8	8
15	Complete chloroplast genome of the mixotrophic chrysophyte <i>Poterioochromonas malhamensis</i> (Ochromonadales, Synurophyceae) from Van Lake in Eastern Anatolia. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 2719-2721.	0.2	1
16	<i>Nitzschia anatoliensis</i> sp. nov., a cryptic diatom species from the highly alkaline Van Lake (Turkey). <i>PeerJ</i> , 2021, 9, e12220.	0.9	4
17	Mitochondrial and Plastid Genomes of the Monoraphid Diatom <i>Schizostauron trachyderma</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 11139.	1.8	5
18	Marine and brackish <i>Luticola</i> D.G.Mann (Bacillariophyta) species from the Java Sea and South China Sea coasts with the description of three new species. <i>PhytoKeys</i> , 2021, 183, 115-142.	0.4	6

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19	Two new bacilladnaviruses associated with the diatom <i>Haslea ostrearia</i> . <i>European Journal of Phycology</i> , 2020, 55, 444-453.	0.9	1
20	Complete mitogenome of the invasive land flatworm <i>Platydemus manokwari</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 1689-1690.	0.2	8
21	Complete mitogenome of the noble volute <i>Cymbiola nobilis</i> from the Vietnamese Island of Phú Quốc. <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 1661-1662.	0.2	0
22	Complete mitogenome of the invasive land flatworm <i>Parakontikia ventrolineata</i> , the second Geoplanidae (Platyhelminthes) to display an unusually long <i>cox2</i> gene. <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 2115-2116.	0.2	5
23	The Taxonomy and Diversity of <i>Proschkinia</i> (Bacillariophyta), A Common But Enigmatic Genus from Marine Coasts. <i>Journal of Phycology</i> , 2020, 56, 953-978.	1.0	5
24	The land flatworm <i>Amaga expatria</i> (Geoplanidae) in Guadeloupe and Martinique: new reports and molecular characterization including complete mitogenome. <i>PeerJ</i> , 2020, 8, e10098.	0.9	6
25	Morphology and molecular phylogeny of <i>Gomphonemopsis sieminskae</i> sp. nov. isolated from brackish waters of the East China Sea coast. <i>Plant and Fungal Systematics</i> , 2019, 64, 17-24.	0.7	1
26	Complete chloroplast genome of the tiny marine diatom <i>Nanofrustulum shiloi</i> (Bacillariophyta) from the Adriatic Sea. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 3374-3376.	0.2	5
27	Complete mitogenome of the invasive bivalve <i>Rangia cuneata</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 2794-2795.	0.2	1
28	Complete chloroplast genome of the diatom <i>Skeletonema pseudocostatum</i> from the Western Mediterranean coast of Algeria. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 1091-1092.	0.2	2
29	Complete mitogenome of a Baltic Sea specimen of the non-indigenous polychaete <i>Marenzelleria neglecta</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 581-582.	0.2	2
30	Complete mitogenome of the giant invasive hammerhead flatworm <i>Bipalium kewense</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 1343-1344.	0.2	10
31	Sexual Reproduction of the Black Sea Diatom <i>Climaconeis scalaris</i> (Br�bisson) E.J. Cox. <i>Moscow University Biological Sciences Bulletin</i> , 2019, 74, 200-206.	0.1	3
32	Decontamination of Diatom Algae Cultures Contaminated with the Kinetoplastid <i>Bodo saltans</i> Ehrenberg, 1832. <i>Moscow University Biological Sciences Bulletin</i> , 2019, 74, 63-68.	0.1	2
33	Complete mitochondrial genome of a rare diatom (Bacillariophyta) <i>Proschkinia</i> and its phylogenetic and taxonomic implications. <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 25-26.	0.2	11
34	Taxonomy and diversity of a little-known diatom genus <i>Simonsenia</i> (Bacillariaceae) in the marine littoral: novel taxa from the Yellow Sea and the Gulf of Mexico. <i>Plant Ecology and Evolution</i> , 2019, 152, 248-261.	0.3	6
35	<i>Haslea nusantara</i> (Bacillariophyceae), a new blue diatom from the Java Sea, Indonesia: morphology, biometry and molecular characterization. <i>Plant Ecology and Evolution</i> , 2019, 152, 188-202.	0.3	24
36	Complete mitogenome of <i>Cerithidea obtusa</i> , the red chut-chut snail from the Cà§n Gi� Mangrove in Vietnam. <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 1267-1269.	0.2	3

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37	Mitogenome sequence of a Black Sea isolate of the kinetoplastid <i>Bodo saltans</i> . Mitochondrial DNA Part B: Resources, 2018, 3, 968-969.	0.2	4
38	The complete mitochondrial DNA of the tropical oyster <i>Crassostrea belcheri</i> from the Cà§n GiÃ²â€™ mangrove in Vietnam. Mitochondrial DNA Part B: Resources, 2018, 3, 462-463.	0.2	4
39	Ardissonaea crystallina has a type of sexual reproduction that is unusual for centric diatoms. Scientific Reports, 2017, 7, 14670.	1.6	16
40	Cell size-based, passive selection of the blue diatom <i>Haslea ostrearia</i> by the oyster <i>Crassostrea gigas</i> . Journal of Molluscan Studies, 2017, 83, 145-152.	0.4	3
41	Effect of marennine produced by the blue diatom <i>Haslea ostrearia</i> on behavioral, physiological and biochemical traits of juvenile <i>Mytilus edulis</i> and <i>Crassostrea virginica</i> . Aquaculture, 2017, 467, 138-148.	1.7	10
42	Antimicrobial Compounds from Eukaryotic Microalgae against Human Pathogens and Diseases in Aquaculture. Marine Drugs, 2016, 14, 159.	2.2	172
43	A new blue-pigmented hasleoid diatom, <i>Haslea provincialis</i> , from the Mediterranean Sea. European Journal of Phycology, 2016, 51, 156-170.	0.9	25
44	Does allelopathy affect co-culturing <i>Haslea ostrearia</i> with other microalgae relevant to aquaculture?. Journal of Applied Phycology, 2016, 28, 2241-2254.	1.5	23
45	<i>Haslea ostrearia</i> -like Diatoms. Advances in Botanical Research, 2014, 71, 441-465.	0.5	23
46	Marennine, Promising Blue Pigments from a Widespread <i>Haslea</i> Diatom Species Complex. Marine Drugs, 2014, 12, 3161-3189.	2.2	81
47	Reproduction in Microalgae. , 2014, , 1-28.		6
48	Inheritance of Mitochondrial DNA in the Pennate Diatom <i>Haslea ostrearia</i> (Naviculaceae) during Auxosporulation Suggests a Uniparental Transmission. Protist, 2013, 164, 340-351.	0.6	17
49	A 2H solid-state NMR study of the effect of antimicrobial agents on intact <i>Escherichia coli</i> without mutating. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 614-622.	1.4	41
50	<i>Haslea karadagensis</i> (Bacillariophyta): a second blue diatom, recorded from the Black Sea and producing a novel blue pigment. European Journal of Phycology, 2012, 47, 469-479.	0.9	47
51	Biological Activities of Purified Marennine, the Blue Pigment Responsible for the Greening of Oysters. Journal of Agricultural and Food Chemistry, 2012, 60, 3599-3605.	2.4	63
52	Greening effect on oysters and biological activities of the blue pigments produced by the diatom <i>Haslea karadagensis</i> (Naviculaceae). Aquaculture, 2012, 368-369, 61-67.	1.7	28
53	Sexual reproduction in the newly-described blue diatom, <i>Haslea karadagensis</i> .. Fottea, 2012, 12, 219-229.	0.4	23
54	Light is a key factor in triggering sexual reproduction in the pennate diatom <i>Haslea ostrearia</i> . FEMS Microbiology Ecology, 2009, 69, 194-201.	1.3	53

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55	Metadata standards and practical guidelines for specimen and DNA curation when building barcode reference libraries for aquatic life. <i>Metabarcoding and Metagenomics</i> , 0, 5, .	0.0	29
56	The complete mitogenome of the potentially invasive flatworm <i>Australopacifica atrata</i> (Platyhelminthes, Geoplanidae) displays unusual features common to other Rhynchodeminae. <i>ZooKeys</i> , 0, 1110, 121-133.	0.5	3