

# Romain Gastineau

## List of Publications by Year in descending order

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56  
papers

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citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Antimicrobial Compounds from Eukaryotic Microalgae against Human Pathogens and Diseases in Aquaculture. <i>Marine Drugs</i> , 2016, 14, 159.	2.2	172
2	Marennine, Promising Blue Pigments from a Widespread <i>Haslea</i> Diatom Species Complex. <i>Marine Drugs</i> , 2014, 12, 3161-3189.	2.2	81
3	Biological Activities of Purified Marennine, the Blue Pigment Responsible for the Greening of Oysters. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 3599-3605.	2.4	63
4	Light is a key factor in triggering sexual reproduction in the pennate diatom <i>Haslea ostrearia</i> . <i>FEMS Microbiology Ecology</i> , 2009, 69, 194-201.	1.3	53
5	<i>Haslea karadagensis</i> (Bacillariophyta): a second blue diatom, recorded from the Black Sea and producing a novel blue pigment. <i>European Journal of Phycology</i> , 2012, 47, 469-479.	0.9	47
6	A 2H solid-state NMR study of the effect of antimicrobial agents on intact <i>Escherichia coli</i> without mutating. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 614-622.	1.4	41
7	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
8	Greening effect on oysters and biological activities of the blue pigments produced by the diatom <i>Haslea karadagensis</i> (Naviculaceae). <i>Aquaculture</i> , 2012, 368-369, 61-67.	1.7	28
9	A new blue-pigmented hasleoid diatom, <i>Haslea provincialis</i> , from the Mediterranean Sea. <i>European Journal of Phycology</i> , 2016, 51, 156-170.	0.9	25
10	<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
11	<i>Haslea ostrearia</i> -like Diatoms. <i>Advances in Botanical Research</i> , 2014, 71, 441-465.	0.5	23
12	Does allelopathy affect co-culturing <i>Haslea ostrearia</i> with other microalgae relevant to aquaculture?. <i>Journal of Applied Phycology</i> , 2016, 28, 2241-2254.	1.5	23
13	Sexual reproduction in the newly-described blue diatom, <i>Haslea karadagensis</i> .. <i>Fottea</i> , 2012, 12, 219-229.	0.4	23
14	Inheritance of Mitochondrial DNA in the Pennate Diatom <i>Haslea ostrearia</i> (Naviculaceae) during Auxosporulation Suggests a Uniparental Transmission. <i>Protist</i> , 2013, 164, 340-351.	0.6	17
15	<i>Ardissonea crystallina</i> has a type of sexual reproduction that is unusual for centric diatoms. <i>Scientific Reports</i> , 2017, 7, 14670.	1.6	16
16	<i>Haslea silbo</i> , A Novel Cosmopolitan Species of Blue Diatoms. <i>Biology</i> , 2021, 10, 328.	1.3	12
17	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
18	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> . <i>Aquaculture</i> , 2017, 467, 138-148.	1.7	10

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19	Complete mitogenome of the giant invasive hammerhead flatworm <i>Bipalium kewense</i> . Mitochondrial DNA Part B: Resources, 2019, 4, 1343-1344.	0.2	10
20	Hammerhead flatworms (Platyhelminthes, Geoplanidae, Bipaliinae): mitochondrial genomes and description of two new species from France, Italy, and Mayotte. PeerJ, 2022, 10, e12725.	0.9	10
21	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. Ecological Indicators, 2021, 121, 107104.	2.6	9
22	Complete mitogenome of the invasive land flatworm <i>Platydemus manokwari</i> . Mitochondrial DNA Part B: Resources, 2020, 5, 1689-1690.	0.2	8
23	Extreme Enlargement of the Inverted Repeat Region in the Plastid Genomes of Diatoms from the Genus <i>Climaconeis</i> . International Journal of Molecular Sciences, 2021, 22, 7155.	1.8	8
24	Reproduction in Microalgae. , 2014, , 1-28.		6
25	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. Plant Ecology and Evolution, 2019, 152, 248-261.	0.3	6
26	The land flatworm <i>Amaga expatria</i> (Geoplanidae) in Guadeloupe and Martinique: new reports and molecular characterization including complete mitogenome. PeerJ, 2020, 8, e10098.	0.9	6
27	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. PhytoKeys, 2021, 183, 115-142.	0.4	6
28	Complete chloroplast genome of the tiny marine diatom <i>Nanofrustulum shiloi</i> (Bacillariophyta) from the Adriatic Sea. Mitochondrial DNA Part B: Resources, 2019, 4, 3374-3376.	0.2	5
29	Complete mitogenome of the invasive land flatworm <i>Parakontikia ventrolineata</i> , the second Geoplanidae (Platyhelminthes) to display an unusually long <i>cox2</i> gene. Mitochondrial DNA Part B: Resources, 2020, 5, 2115-2116.	0.2	5
30	The Taxonomy and Diversity of <i>Proschkinia</i> (Bacillariophyta), A Common But Enigmatic Genus from Marine Coasts. Journal of Phycology, 2020, 56, 953-978.	1.0	5
31	Mitochondrial and Plastid Genomes of the Monoraphid Diatom <i>Schizostauron trachyderma</i> . International Journal of Molecular Sciences, 2021, 22, 11139.	1.8	5
32	What Was Old Is New Again: The Pennate Diatom <i>Haslea ostrearia</i> (Gaillon) Simonsen in the Multi-Omic Age. Marine Drugs, 2022, 20, 234.	2.2	5
33	Redescription, complete mitochondrial genome and phylogenetic relationships of <i>Hexostoma thynni</i> (Delaroche, 1811) Rafinesque, 1815 (Monogenea, Hexostomatidae). Parasite, 2022, 29, 29.	0.8	5
34	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
35	The complete mitochondrial DNA of the tropical oyster <i>Crassostrea belcheri</i> from the Cà§n GiÃ²™ mangrove in Vietnam. Mitochondrial DNA Part B: Resources, 2018, 3, 462-463.	0.2	4
36	The complete chloroplast genome of <i>Secale sylvestre</i> (Poaceae: Triticeae). Journal of Applied Genetics, 2022, 63, 115-117.	1.0	4

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37	<i>Nitzschia anatoliensis</i> sp. nov., a cryptic diatom species from the highly alkaline Van Lake (Turkey). PeerJ, 2021, 9, e12220.	0.9	4
38	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
39	Complete mitogenome of <i>Cerithidea obtusa</i> , the red chut-chut snail from the Cáñn Giá» Mangrove in Vietnam. Mitochondrial DNA Part B: Resources, 2018, 3, 1267-1269.	0.2	3
40	Sexual Reproduction of the Black Sea Diatom <i>Climaconeis scalaris</i> (BrÃ©bisson) E.J. Cox. Moscow University Biological Sciences Bulletin, 2019, 74, 200-206.	0.1	3
41	The Sexual Reproduction and Life Cycle of the Pennate Diatom <i>Entomoneis</i> cf. <i>paludosa</i> (W. Smith) Reimer (Bacillariophyta). Russian Journal of Marine Biology, 2021, 47, 19-28.	0.2	3
42	The invasive land flatworm <i>Obama nungara</i> in La RÃ©union, a French island in the Indian Ocean, the first report of the species for Africa. Zootaxa, 2022, 5154, 469-476.	0.2	3
43	The complete mitogenome of the potentially invasive flatworm <i>Australopacifica atrata</i> (Platyhelminthes, Geoplanidae) displays unusual features common to other Rhynchodeminae. ZooKeys, 0, 1110, 121-133.	0.5	3
44	Complete chloroplast genome of the diatom <i>Skeletonema pseudocostatum</i> from the Western Mediterranean coast of Algeria. Mitochondrial DNA Part B: Resources, 2019, 4, 1091-1092.	0.2	2
45	Complete mitogenome of a Baltic Sea specimen of the non-indigenous polychaete <i>Marenzelleria neglecta</i> . Mitochondrial DNA Part B: Resources, 2019, 4, 581-582.	0.2	2
46	Decontamination of Diatom Algae Cultures Contaminated with the Kinetoplastid <i>Bodo saltans</i> Ehrenberg, 1832. Moscow University Biological Sciences Bulletin, 2019, 74, 63-68.	0.1	2
47	Semi-continuous system for benthic diatom cultivation and marenine production. Algal Research, 2022, 62, 102633.	2.4	2
48	Morphology and molecular phylogeny of <i>Gomphonemopsis sieminskae</i> sp. nov. isolated from brackish waters of the East China Sea coast. Plant and Fungal Systematics, 2019, 64, 17-24.	0.7	1
49	Complete mitogenome of the invasive bivalve <i>Rangia cuneata</i> . Mitochondrial DNA Part B: Resources, 2019, 4, 2794-2795.	0.2	1
50	Two new bacilladnaviruses associated with the diatom <i>Haslea ostrearia</i> . European Journal of Phycology, 2020, 55, 444-453.	0.9	1
51	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). Mitochondrial DNA Part B: Resources, 2021, 6, 308-310.	0.2	1
52	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. Diatom Research, 2021, 36, 75-91.	0.5	1
53	Complete chloroplast genome of the mixotrophic chrysophyte <i>Poterioochromonas malhamensis</i> (Ochromonadales, Synurophyceae) from Van Lake in Eastern Anatolia. Mitochondrial DNA Part B: Resources, 2021, 6, 2719-2721.	0.2	1
54	Complete mitogenome of the noble volute <i>Cymbiola nobilis</i> from the Vietnamese Island of PhÃ© Quá»c. Mitochondrial DNA Part B: Resources, 2020, 5, 1661-1662.	0.2	0

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55	Three new Achnanthydium (Bacillariophyceae) species from Lake Salda (Anatolia, Turkey), a deep soda lake. <i>Plant Ecology and Evolution</i> , 2022, 155, 221-235.	0.3	0
56	SARS-CoV-2 Whole-Genome Sequencing by Ion S5 Technologyâ€™Challenges, Protocol Optimization and Success Rates for Different Strains. <i>Viruses</i> , 2022, 14, 1230.	1.5	0