

Marina Aboal

List of Publications by Year in descending order

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49
papers

762
citations

567281

15
h-index

552781

26
g-index

50
all docs

50
docs citations

50
times ranked

860
citing authors

#	ARTICLE	IF	CITATIONS
1	Confocal Microscopy in Ecophysiological Studies of Algae: A Door to Understanding Autofluorescence in Red Algae. <i>Microscopy and Microanalysis</i> , 2022, 28, 1-9.	0.4	1
2	The Green Microalga <i>Coelastrella thermophila</i> var. <i>globulina</i> (Scenedesmaceae, Chlorophyta) Isolated from an Algerian Hot Spring as a Potential Source of Fatty Acids. <i>Life</i> , 2022, 12, 560.	2.4	7
3	Fatty acids profile of <i>Mastigocladus laminosus</i> Cohn ex Kichner isolated from Algerian hot springs as a biofuel feedstock. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 42, 102373.	3.1	2
4	Diversity of Batrachospermales (Rhodophyta) in the Iberian Peninsula. <i>Fottea</i> , 2021, 21, 73-81.	0.9	1
5	Are Cyanotoxins the Only Toxic Compound Potentially Present in Microalgae Supplements? Results from a Study of Ecological and Non-Ecological Products. <i>Toxins</i> , 2020, 12, 552.	3.4	13
6	Interactive effects of warming and eutrophication on population dynamics and stalk production of epiphytic diatoms in transitional waters. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 229, 106413.	2.1	2
7	Morphology and molecular phylogeny of <i>Hyalosynedra lanceolata</i> sp. nov. and an extended description of <i>Hyalosynedra</i> (Bacillariophyta). <i>European Journal of Phycology</i> , 2018, 53, 208-218.	2.0	7
8	Diversity of <i>Chroothoece</i> (Rhodophyta, Stylonematales) including two new species. <i>European Journal of Phycology</i> , 2018, 53, 189-197.	2.0	5
9	Microcystins and cyanophyte extracts inhibit or promote the photosynthesis of fluvial algae. Ecological and management implications. <i>Ecotoxicology</i> , 2017, 26, 658-666.	2.4	11
10	A new genus, <i>Volatus</i> and four new species of <i>Batrachospermum sensu stricto</i> (Batrachospermales, Rhodophyta). <i>Phycologia</i> , 2017, 56, 454-468.	1.4	22
11	Effects of global change factors on fatty acids and mycosporine-like amino acid production in <i>Chroothoece richteriana</i> (Rhodophyta). <i>Journal of Phycology</i> , 2017, 53, 999-1009.	2.3	8
12	Combined in situ effects of metals and nutrients on marine biofilms: Shifts in the diatom assemblage structure and biological traits. <i>Science of the Total Environment</i> , 2017, 574, 381-389.	8.0	33
13	Are We Underestimating Benthic Cyanotoxins? Extensive Sampling Results from Spain. <i>Toxins</i> , 2017, 9, 385.	3.4	36
14	Cyanotoxins: environmental and health effects. Prevention measures. <i>Hidrobiologica</i> , 2017, 27, 241-251.	0.2	0
15	<i>Licmophora colosalis</i> sp. nov. (Licmophoraceae, Bacillariophyta), a large epiphytic diatom from coastal waters. <i>Phycologia</i> , 2016, 55, 393-402.	1.4	5
16	Should ecomorphs be conserved? The case of <i>Nostoc flagelliforme</i> , an endangered extremophile cyanobacteria. <i>Journal for Nature Conservation</i> , 2016, 30, 52-64.	1.8	19
17	Phylogeography of <i>Batrachospermum gelatinosum</i> (Batrachospermales, Rhodophyta) shows postglacial expansion in Europe. <i>Phycologia</i> , 2015, 54, 176-182.	1.4	10
18	Decoding cyanobacterial phylogeny and molecular evolution using an evonumeric approach. <i>Protoplasma</i> , 2015, 252, 519-535.	2.1	19

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19	<i>Kumanoa mahlacensis</i> (Batrachospermales, Rhodophyta) in a Mediterranean coastal wetland, a new species for the European continental algal flora. <i>Anales Del Jardin Botanico De Madrid</i> , 2015, 72, e018.	0.4	6
20	Ecology, morphology and physiology of <i>Chroothoece richteriana</i> (Rhodophyta). <i>Journal of Phycology</i> , 2014, 49, 83-96.	2.0	13
21	The freshwater alga <i>Chroothoece richteriana</i> (Rhodophyta) as a potential source of lipids. <i>Food Chemistry</i> , 2014, 162, 143-148.	8.2	14
22	Environmental gradients and macroalgae in Mediterranean marshes: the case of Pego-Oliva marsh (East Iberian Peninsula). <i>Science of the Total Environment</i> , 2014, 475, 216-224.	8.0	12
23	Checklist of freshwater red algae in the Iberian Peninsula and the Balearic Islands. <i>Nova Hedwigia</i> , 2014, 98, 213-232.	0.4	4
24	<i>Polysiphonia subtilissima</i> (Ceramiales, Rhodophyta) from freshwater habitats in North America and Europe is confirmed as conspecific with marine collections. <i>Phycologia</i> , 2013, 52, 156-160.	1.4	14
25	Global sampling reveals low genetic diversity within <i>Compsopogon</i> (Compsopogonales). <i>Journal of Phycology</i> , 2013, 49, 107-114.	2.0	26
26	Morphological description and ecology of some rare macroalgae in south-central Spanish rivers (Castilla-La Mancha Region). <i>Anales Del Jardin Botanico De Madrid</i> , 2013, 70, 81-90.	0.4	7
27	Immunolocalisation of microcystins in colonies of the cyanobacterium <i>Rivularia</i> in calcareous streams. <i>Marine and Freshwater Research</i> , 2012, 63, 160.	1.3	9
28	On the presence of <i>Nostochopsis lobata</i> Wood ex Bornet et Flahault in Spain: morphological, ecological and biogeographical aspects. <i>Nova Hedwigia</i> , 2012, 95, 373-390.	0.4	8
29	Ultrastructure and function of stalks of the diatom <i>Didymosphenia geminata</i> . <i>Hydrobiologia</i> , 2012, 695, 17-24.	2.0	32
30	Morphology, fine structure, life cycle and phylogenetic analysis of <i>Phyllosiphon arisari</i>, a siphonous parasitic green alga. <i>European Journal of Phycology</i> , 2011, 46, 181-192.	2.0	26
31	In situ acetylene reduction activity of <i>Scytonema julianum</i> in Vapor cave (Spain). <i>International Journal of Speleology</i> , 2011, 40, 17-21.	1.0	3
32	In Situ Nitrogen Fixation by Cyanobacteria at the Andragulla Cave, Spain. <i>Journal of Cave and Karst Studies</i> , 2011, 73, 50-54.	0.6	9
33	A hierarchical multi-label classification ant colony algorithm for protein function prediction. <i>Memetic Computing</i> , 2010, 2, 165-181.	4.0	43
34	Biodiversity of diatom assemblages in a Mediterranean semiarid stream: implications for conservation. <i>Marine and Freshwater Research</i> , 2009, 60, 14.	1.3	33
35	Microcystin production in <i>Rivularia</i> colonies of calcareous streams from Mediterranean Spanish basins. <i>Algological Studies</i> (Stuttgart, Germany: 2007), 2009, 130, 39-52.	0.4	6
36	Significance of microcystin production by benthic communities in water treatment systems of arid zones. <i>Water Research</i> , 2008, 42, 1245-1253.	11.3	10

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37	Checklist of Phytoplankton on the South Coast of Murcia (SE Spain, SW Mediterranean Sea). NATO Science for Peace and Security Series A: Chemistry and Biology, 2008, , 179-196.	0.5	3
38	Effects of living cyanobacteria, cyanobacterial extracts and pure microcystins on growth and ultrastructure of microalgae and bacteria. Toxicon, 2007, 49, 769-779.	1.6	71
39	Production of microcystins in calcareous Mediterranean streams: The Alharabe River, Segura River basin in south-east Spain. Journal of Applied Phycology, 2005, 17, 231-243.	2.8	56
40	Intracellular and dissolved microcystin in reservoirs of the river Segura basin, Murcia, SE Spain. Toxicon, 2005, 45, 509-518.	1.6	68
41	VALIDATION OF NEW COMBINATIONS. Diatom Research, 2004, 19, 361-361.	1.2	7
42	Title is missing!. Journal of Applied Phycology, 2002, 14, 49-56.	2.8	44
43	Macroalgae and submerged macrophytes from fresh and saline waterbodies of ephemeral streams ('ramblas') in semiarid south-eastern Spain. Marine and Freshwater Research, 2001, 52, 891.	1.3	18
44	Food webs in autotrophic and heterotrophic Mediterranean streams. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2001, 27, 3308-3308.	0.1	0
45	Relationship between macroinvertebrate diversity and toxicity of Cyanophyceae (Cyanobacteria) in some streams from Eastern Spain. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 2000, 27, 555-559.	0.1	6
46	Structure and ecology of Placoma vesiculosum (Entophysalidaceae, Cyanophyceae) from a southeastern Spanish saltwater torrent. Phycologia, 1996, 35, 537-541.	1.4	3
47	The aquatic microphytes and macrophytes of the Transvase Tajo-Segura irrigation system, southeastern Spain. Hydrobiologia, 1996, 340, 101-107.	2.0	8
48	Algal standing-crop in some Mediterranean temporary rivers in southeastern Spain. Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology, 1994, 25, 1746-1750.	0.1	1
49	Algas aerofáticas epifíticas del marjal de Pego-Oliva, este de la Península Ibérica. Acta Botanica Malacitana, 0, 36, 169-174.	0.0	1