

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	Effects of living cyanobacteria, cyanobacterial extracts and pure microcystins on growth and ultrastructure of microalgae and bacteria. <i>Toxicon</i> , 2007, 49, 769-779.	1.6	71
2	Intracellular and dissolved microcystin in reservoirs of the river Segura basin, Murcia, SE Spain. <i>Toxicon</i> , 2005, 45, 509-518.	1.6	68
3	Production of microcystins in calcareous Mediterranean streams: The Alharabe River, Segura River basin in south-east Spain. <i>Journal of Applied Phycology</i> , 2005, 17, 231-243.	2.8	56
4	Title is missing!. <i>Journal of Applied Phycology</i> , 2002, 14, 49-56.	2.8	44
5	A hierarchical multi-label classification ant colony algorithm for protein function prediction. <i>Memetic Computing</i> , 2010, 2, 165-181.	4.0	43
6	Are We Underestimating Benthic Cyanotoxins? Extensive Sampling Results from Spain. <i>Toxins</i> , 2017, 9, 385.	3.4	36
7	Biodiversity of diatom assemblages in a Mediterranean semiarid stream: implications for conservation. <i>Marine and Freshwater Research</i> , 2009, 60, 14.	1.3	33
8	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
9	Ultrastructure and function of stalks of the diatom <i>Didymosphenia geminata</i> . <i>Hydrobiologia</i> , 2012, 695, 17-24.	2.0	32
10	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
11	Global sampling reveals low genetic diversity within <i>Compsopogon</i> (Compsopogonales). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	2.0	26
12	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
13	Decoding cyanobacterial phylogeny and molecular evolution using an evonumeric approach. <i>Protoplasma</i> , 2015, 252, 519-535.	2.1	19
14	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
15	Macroalgae and submerged macrophytes from fresh and saline waterbodies of ephemeral streams ('ramblas') in semiarid south-eastern Spain. <i>Marine and Freshwater Research</i> , 2001, 52, 891.	1.3	18
16	<i>Polysiphonia subtilissima</i> (Ceramiiales, 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
17	The freshwater alga <i>Chroothecce richteriana</i> (Rhodophyta) as a potential source of lipids. <i>Food Chemistry</i> , 2014, 162, 143-148.	8.2	14
18	Ecology, morphology and physiology of <i>Chroothecce richteriana</i> (Rhodophyta). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (Stylon Phycology</i> , 2014, 49, 83-96.	2.0	13

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19	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
20	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
21	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
22	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
23	Phylogeography of <i>Batrachospermum gelatinosum</i> (Batrachospermales, Rhodophyta) shows postglacial expansion in Europe. <i>Phycologia</i> , 2015, 54, 176-182.	1.4	10
24	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
25	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
26	The aquatic microphytes and macrophytes of the Transvase Tajo-Segura irrigation system, southeastern Spain. <i>Hydrobiologia</i> , 1996, 340, 101-107.	2.0	8
27	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
28	Effects of global change factors on fatty acids and mycosporine-like amino acid production in <i>Chrootheca richteriana</i> (Rhodophyta). <i>Journal of Phycology</i> , 2017, 53, 999-1009.	2.3	8
29	VALIDATION OF NEW COMBINATIONS. <i>Diatom Research</i> , 2004, 19, 361-361.	1.2	7
30	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
31	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
32	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
33	Relationship between macroinvertebrate diversity and toxicity of Cyanophyceae (Cyanobacteria) in some streams from Eastern Spain. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2000, 27, 555-559.	0.1	6
34	Microcystin production in <i>Rivularia</i> colonies of calcareous streams from Mediterranean Spanish basins. <i>Algological Studies (Stuttgart, Germany)</i> : 2007, 2009, 130, 39-52.	0.4	6
35	<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
36	<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

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37	Diversity of <i>Chroothoece</i> (Rhodophyta, Stylonematales) including two new species. European Journal of Phycology, 2018, 53, 189-197.	2.0	5
38	Checklist of freshwater red algae in the Iberian Peninsula and the Balearic Islands. Nova Hedwigia, 2014, 98, 213-232.	0.4	4
39	Structure and ecology of <i>Placoma vesiculosum</i> (Entophysalidaceae, Cyanophyceae) from a southeastern Spanish saltwater torrent. Phycologia, 1996, 35, 537-541.	1.4	3
40	In situ acetylene reduction activity of <i>Scytonema julianum</i> in Vapor cave (Spain). International Journal of Speleology, 2011, 40, 17-21.	1.0	3
41	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
42	Interactive effects of warming and eutrophication on population dynamics and stalk production of epiphytic diatoms in transitional waters. Estuarine, Coastal and Shelf Science, 2019, 229, 106413.	2.1	2
43	Fatty acids profile of <i>Mastigocladus laminosus</i> Cohn ex Kichner isolated from Algerian hot springs as a biofuel feedstock. Biocatalysis and Agricultural Biotechnology, 2022, 42, 102373.	3.1	2
44	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
45	Diversity of Batrachospermales (Rhodophyta) in the Iberian Peninsula. Fottea, 2021, 21, 73-81.	0.9	1
46	Algas aerofáticas epifíticas del marjal de Pego-Oliva, este de la Península Ibérica. Acta Botanica Malacitana, 0, 36, 169-174.	0.0	1
47	Confocal Microscopy in Ecophysiological Studies of Algae: A Door to Understanding Autofluorescence in Red Algae. Microscopy and Microanalysis, 2022, 28, 1-9.	0.4	1
48	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
49	Cyanotoxins: environmental and health effects. Prevention measures. Hidrobiologica, 2017, 27, 241-251.	0.2	0