

Javier Martnez-Abaigar

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7067346/javier-martinez-abaigar-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

1,200
citations

21
h-index

31
g-index

70
ext. papers

1,483
ext. citations

4
avg, IF

4.15
L-index

#	Paper	IF	Citations
65	Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2021.. <i>Photochemical and Photobiological Sciences</i> , 2022 , 21, 275	4.2	4
64	Developmental Stage Determines the Accumulation Pattern of UV-Absorbing Compounds in the Model Liverwort subsp. under Controlled Conditions. <i>Plants</i> , 2021 , 10,	4.5	3
63	Secondary metabolites and related genes in <i>Vitis vinifera</i> L. cv. Tempranillo grapes as influenced by ultraviolet radiation and berry development. <i>Physiologia Plantarum</i> , 2021 , 173, 709-724	4.6	2
62	Environmental effects of stratospheric ozone depletion, UV radiation, and interactions with climate change: UNEP Environmental Effects Assessment Panel, Update 2020. <i>Photochemical and Photobiological Sciences</i> , 2021 , 20, 1-67	4.2	34
61	Novel biotechnological substances from bryophytes 2021 , 233-248		1
60	A supplement of ultraviolet-B radiation under field conditions increases phenolic and volatile compounds of Tempranillo grape skins and the resulting wines. <i>European Journal of Agronomy</i> , 2020 , 121, 126150	5	9
59	Phenolic characteristics acquired by berry skins of <i>Vitis vinifera</i> cv. Tempranillo in response to close-to-ambient solar ultraviolet radiation are mostly reflected in the resulting wines. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 401-409	4.3	13
58	Testing a novel biotechnological passive sampler for monitoring atmospheric PAH pollution. <i>Journal of Hazardous Materials</i> , 2020 , 381, 120949	12.8	10
57	Photosynthetically-active radiation, UV-A and UV-B, causes both common and specific damage and photoprotective responses in the model liverwort <i>Marchantia polymorpha</i> subsp. <i>ruderalis</i> . <i>Photochemical and Photobiological Sciences</i> , 2019 , 18, 400-412	4.2	5
56	A perspective on ecologically relevant plant-UV research and its practical application. <i>Photochemical and Photobiological Sciences</i> , 2019 , 18, 970-988	4.2	42
55	Phenolic compounds from different bryophyte species and cell compartments respond specifically to ultraviolet radiation, but not particularly quickly. <i>Plant Physiology and Biochemistry</i> , 2019 , 134, 137-144	5.4	11
54	Acclimation of Bryophytes to Sun Conditions, in Comparison to Shade Conditions, Is Influenced by Both Photosynthetic and Ultraviolet Radiations. <i>Frontiers in Plant Science</i> , 2019 , 10, 998	6.2	7
53	A field portable method for the semi-quantitative estimation of dehydration tolerance of photosynthetic tissues across distantly related land plants. <i>Physiologia Plantarum</i> , 2019 , 167, 540-555	4.6	10
52	Cell compartmentation of ultraviolet-absorbing compounds: An underexplored tool related to bryophyte ecology, phylogeny and evolution. <i>Functional Ecology</i> , 2018 , 32, 882-893	5.6	10
51	Evolutionary conservation of structure and function of the UVR8 photoreceptor from the liverwort <i>Marchantia polymorpha</i> and the moss <i>Physcomitrella patens</i> . <i>New Phytologist</i> , 2018 , 217, 151-162	9.8	33
50	Can Parietin Transfer Energy Radiatively to Photosynthetic Pigments?. <i>Molecules</i> , 2018 , 23,	4.8	2
49	Spores potentially dispersed to longer distances are more tolerant to ultraviolet radiation: A case study in the moss genus <i>Orthotrichum</i> . <i>American Journal of Botany</i> , 2018 , 105, 996-1008	2.7	2

48	Ecophysiology of photosynthetic pigments in aquatic bryophytes 2018 , 277-292		3
47	First Data on the Effects of Ultraviolet Radiation on Phenolic Compounds in the Model Hornwort <i>Anthoceros agrestis</i> . <i>Cryptogamie, Bryologie</i> , 2018 , 39, 201-211	0.8	7
46	Effects of Climate Change on Aquatic Bryophytes 2018 , 268-287		
45	Modelling and mapping heavy metal and nitrogen concentrations in moss in 2010 throughout Europe by applying Random Forests models. <i>Atmospheric Environment</i> , 2017 , 156, 146-159	5.3	18
44	Environmental plasticity of Pinot noir grapevine leaves: A trans-European study of morphological and biochemical changes along a 1,500-km latitudinal climatic gradient. <i>Plant, Cell and Environment</i> , 2017 , 40, 2790-2805	8.4	15
43	Effects of ambient solar UV radiation on grapevine leaf physiology and berry phenolic composition along one entire season under Mediterranean field conditions. <i>Plant Physiology and Biochemistry</i> , 2016 , 109, 374-386	5.4	18
42	Environmental Factors Correlated with the Metabolite Profile of <i>Vitis vinifera</i> cv. Pinot Noir Berry Skins along a European Latitudinal Gradient. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 8722-8734	5.7	25
41	Trace element concentrations in the moss <i>Hypnum cupressiforme</i> growing in a presumably unpolluted area. <i>Chemosphere</i> , 2016 , 158, 177-83	8.4	6
40	Spatially valid data of atmospheric deposition of heavy metals and nitrogen derived by moss surveys for pollution risk assessments of ecosystems. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 10457-10476	5.1	24
39	Spatial variability of ultraviolet-absorbing compounds in an aquatic liverwort and their usefulness as biomarkers of current and past UV radiation: a case study in the Atlantic-Mediterranean transition. <i>Science of the Total Environment</i> , 2015 , 518-519, 248-57	10.2	6
38	Ultraviolet-absorbing compounds from the cell walls of an aquatic liverwort are more efficiently extracted by alkaline than by enzymatic digestion. <i>Journal of Bryology</i> , 2015 , 37, 8-14	1.1	4
37	UV radiation biomonitoring using cell compartmentation of UV-absorbing compounds in herbarium samples of a liverwort. <i>Ecological Indicators</i> , 2015 , 52, 48-56	5.8	2
36	Effects of UV exclusion on the physiology and phenolic composition of leaves and berries of <i>Vitis vinifera</i> cv. Graciano. <i>Journal of the Science of Food and Agriculture</i> , 2015 , 95, 409-16	4.3	18
35	Heavy metal and nitrogen concentrations in mosses are declining across Europe whilst some "hotspots" remain in 2010. <i>Environmental Pollution</i> , 2015 , 200, 93-104	9.3	110
34	UV-B Induced Secondary Plant Metabolites. <i>Optik & Photonik</i> , 2014 , 9, 34-37		70
33	Among- and within-genus variability of the UV-absorption capacity in saxicolous mosses. <i>Bryologist</i> , 2014 , 117, 1-9	0.7	6
32	Solar ultraviolet radiation is necessary to enhance grapevine fruit ripening transcriptional and phenolic responses. <i>BMC Plant Biology</i> , 2014 , 14, 183	5.3	95
31	Cell Compartmentation of UV-Absorbing Compounds in Two Aquatic Mosses Under Enhanced UV-B. <i>Cryptogamie, Bryologie</i> , 2012 , 33, 169-184	0.8	11

30	Dynamic response of UV-absorbing compounds, quantum yield and the xanthophyll cycle to diel changes in UV-B and photosynthetic radiations in an aquatic liverwort. <i>Journal of Plant Physiology</i> , 2012 , 169, 20-6	3.6	26
29	UV responses of <i>Lolium perenne</i> raised along a latitudinal gradient across Europe: a filtration study. <i>Physiologia Plantarum</i> , 2012 , 145, 604-18	4.6	14
28	Impacts of long-term enhanced UV-B radiation on bryophytes in two sub-Arctic heathland sites of contrasting water availability. <i>Annals of Botany</i> , 2011 , 108, 557-65	4.1	25
27	Effects of enhanced UV-B radiation on hydroxycinnamic acid derivatives extracted from different cell compartments in the aquatic liverwort <i>Jungermannia exsertifolia</i> subsp. <i>cordifolia</i> . <i>Physiologia Plantarum</i> , 2010 , 140, 269-79	4.6	22
26	Cyclic environmental factors only partially explain the seasonal variability of photoprotection and physiology in two mosses from an unforested headwater stream. <i>Bryologist</i> , 2010 , 113, 277-291	0.7	13
25	Seasonal variations in UV-absorbing compounds and physiological characteristics in the aquatic liverwort <i>Jungermannia exsertifolia</i> subsp. <i>cordifolia</i> over a 3-year period. <i>Physiologia Plantarum</i> , 2009 , 136, 73-85	4.6	19
24	Retrospective bioindication of stratospheric ozone and ultraviolet radiation using hydroxycinnamic acid derivatives of herbarium samples of an aquatic liverwort. <i>Environmental Pollution</i> , 2009 , 157, 2335-44	0.3	14
23	Hydroxycinnamic acid derivatives in an aquatic liverwort as possible bioindicators of enhanced UV radiation. <i>Environmental Pollution</i> , 2008 , 151, 8-16	9.3	21
22	Ultraviolet-absorbing capacity of aquatic bryophytes from Tierra del Fuego (Argentina). <i>Journal of Bryology</i> , 2008 , 30, 290-296	1.1	11
21	High-Level Phosphate Addition Does Not Modify UV Effects in Two Aquatic Bryophytes. <i>Bryologist</i> , 2008 , 111, 444-454	0.7	4
20	Physiological changes and UV protection in the aquatic liverwort <i>Jungermannia exsertifolia</i> subsp. <i>cordifolia</i> along an altitudinal gradient of UV-B radiation. <i>Functional Plant Biology</i> , 2006 , 33, 1025-1036	2.7	30
19	Effects of cadmium and enhanced UV radiation on the physiology and the concentration of UV-absorbing compounds of the aquatic liverwort <i>Jungermannia exsertifolia</i> subsp. <i>cordifolia</i> . <i>Photochemical and Photobiological Sciences</i> , 2006 , 5, 760-9	4.2	28
18	Assessing the UV-B Tolerance of Sun and Shade Samples of Two Aquatic Bryophytes Using Short-term Tests. <i>Bryologist</i> , 2005 , 108, 435-448	0.7	15
17	Ultraviolet Radiation-Induced Changes in Mycosporine-Like Amino Acids and Physiological Variables in the Red Alga <i>Lemanea fluviatilis</i> . <i>Journal of Freshwater Ecology</i> , 2005 , 20, 677-687	1.4	7
16	Interactions between parasitic fungi and mosses: pegged and swollen-tipped rhizoids in <i>Funaria</i> and <i>Bryum</i> . <i>Journal of Bryology</i> , 2005 , 27, 47-53	1.1	24
15	Influence of Temperature on the Effects of Artificially Enhanced UV-B Radiation on Aquatic Bryophytes Under Laboratory Conditions. <i>Photosynthetica</i> , 2004 , 42, 201-212	2.2	26
14	A Survey of the Distribution of UV-Absorbing Compounds in Aquatic Bryophytes from a Mountain Stream. <i>Bryologist</i> , 2004 , 107, 202-208	0.7	16
13	Different physiological responses of two aquatic bryophytes to enhanced ultraviolet-B radiation. <i>Journal of Bryology</i> , 2003 , 25, 17-30	1.1	40

12	Biomonitoring of metal deposition in northern Spain by moss analysis. <i>Science of the Total Environment</i> , 2002 , 300, 115-27	10.2	60
11	Combined seasonal and longitudinal variations of element concentrations in two aquatic mosses (<i>Fontinalis antipyretica</i> and <i>F. squamosa</i>). <i>Nova Hedwigia</i> , 2002 , 74, 349-364	1.3	13
10	Short-Term Physiological Responses of the Aquatic Liverwort <i>Jungermannia exsertifolia</i> subsp. <i>cordifolia</i> to KH ₂ PO ₄ and Anoxia. <i>Bryologist</i> , 2002 , 105, 86-95	0.7	6
9	The legend and procession of the Moss Men from Bjar (Salamanca, Spain). <i>Journal of Bryology</i> , 2001 , 23, 264-266	1.1	5
8	Element Concentrations and Enrichment Ratios in the Aquatic Moss <i>Rhynchostegium riparioides</i> along the River Iregua (La Rioja, Northern Spain). <i>Bryologist</i> , 2000 , 103, 518-533	0.7	17
7	<i>Barbilophozia atlantica</i> (Kaal.) K M. in the Iberian Peninsula. <i>Journal of Bryology</i> , 1998 , 20, 510-513	1.1	2
6	Adaptability of Leaves of <i>Cistus ladanifer</i> to Widely Varying Environmental Conditions. <i>Functional Ecology</i> , 1996 , 10, 636	5.6	40
5	A comparative study of <i>Cistus ladanifer</i> shrublands in Extremadura (CW Spain) on the basis of woody species composition and cover. <i>Plant Ecology</i> , 1995 , 117, 123-132		12
4	Seasonal changes in photosynthetic pigment composition of aquatic bryophytes. <i>Journal of Bryology</i> , 1994 , 18, 97-113	1.1	23
3	Effects of organic pollution on transplanted aquatic bryophytes. <i>Journal of Bryology</i> , 1993 , 17, 553-566	1.1	22
2	Aquatic Bryophytes under Ultraviolet Radiation 115-146		6
1	Unveiling the nature of a miniature world: a horizon scan of fundamental questions in bryology. <i>Journal of Bryology</i> , 1-34	1.1	2