

Isabelle Laffont-Schwob or isabelle Schwob

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51
papers

916
citations

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h-index

29
g-index

54
ext. papers

1,059
ext. citations

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avg, IF

4.04
L-index

#	Paper	IF	Citations
51	Occurrence and ecotoxicological assessment of pharmaceuticals: Is there a risk for the Mediterranean aquatic environment?. <i>Science of the Total Environment</i> , 2018 , 639, 1334-1348	10.2	141
50	Constructed wetlands to reduce metal pollution from industrial catchments in aquatic Mediterranean ecosystems: a review to overcome obstacles and suggest potential solutions. <i>Environment International</i> , 2014 , 64, 1-16	12.9	94
49	Changes in essential oil composition in Saint John's wort (<i>Hypericum perforatum</i> L.) aerial parts during its phenological cycle. <i>Biochemical Systematics and Ecology</i> , 2004 , 32, 735-745	1.4	64
48	Selection of wild macrophytes for use in constructed wetlands for phytoremediation of contaminant mixtures. <i>Journal of Environmental Management</i> , 2015 , 147, 108-23	7.9	60
47	Effect of phytoliths for mitigating water stress in durum wheat. <i>New Phytologist</i> , 2017 , 215, 229-239	9.8	56
46	Trace metal and metalloid contamination levels in soils and in two native plant species of a former industrial site: evaluation of the phytostabilization potential. <i>Journal of Hazardous Materials</i> , 2013 , 248-249, 131-41	12.8	45
45	Composition of the essential oils of <i>Hypericum perforatum</i> L. from southeastern France. <i>Comptes Rendus - Biologies</i> , 2002 , 325, 781-5	1.4	43
44	Selection of native plants with phytoremediation potential for highly contaminated Mediterranean soil restoration: Tools for a non-destructive and integrative approach. <i>Journal of Environmental Management</i> , 2016 , 183, 850-863	7.9	41
43	Transfer of metals and metalloids from soil to shoots in wild rosemary (<i>Rosmarinus officinalis</i> L.) growing on a former lead smelter site: human exposure risk. <i>Science of the Total Environment</i> , 2013 , 454-455, 219-29	10.2	37
42	Composition and antimicrobial activity of the essential oil of <i>Hypericum coris</i> . <i>Phytotherapy Research</i> , 2002 , 73, 511-3	3.2	29
41	Occurrence of toxic <i>Planktothrix rubescens</i> blooms in lake Nantua, France. <i>Toxicon</i> , 2004 , 43, 279-85	2.8	24
40	Screening biological traits and fluoride contents of native vegetations in arid environments to select efficiently fluoride-tolerant native plant species for in-situ phytoremediation. <i>Chemosphere</i> , 2015 , 119, 217-223	8.4	23
39	As, Pb, Sb, and Zn transfer from soil to root of wild rosemary: do native symbionts matter?. <i>Plant and Soil</i> , 2014 , 382, 219-236	4.2	22
38	Trace metal extraction and biomass production by spontaneous vegetation in temporary Mediterranean stormwater highway retention ponds: Freshwater macroalgae (<i>Chara</i> spp.) vs. cattails (<i>Typha</i> spp.). <i>Ecological Engineering</i> , 2015 , 81, 173-181	3.9	18
37	Composition of volatile oils of <i>Styrax</i> (<i>Styrax officinalis</i> L.) leaves at different phenological stages. <i>Biochemical Systematics and Ecology</i> , 2006 , 34, 705-709	1.4	17
36	Heavy Metal and Arsenic Resistance of the Halophyte <i>Atriplex halimus</i> L. Along a Gradient of Contamination in a French Mediterranean Spray Zone. <i>Water, Air, and Soil Pollution</i> , 2014 , 225, 1	2.6	16
35	Anatomical element localization by EDXS in <i>Grevillea exul</i> var. <i>exul</i> under nickel stress. <i>Environmental Pollution</i> , 2008 , 156, 1156-63	9.3	16

34	Characterization of metal tolerance and accumulation in <i>Grevillea exul</i> var <i>exul</i> . <i>International Journal of Phytoremediation</i> , 2007 , 9, 419-35	3.9	16
33	Biological Removal and Fate Assessment of Diclofenac Using <i>Bacillus subtilis</i> and <i>Brevibacillus laterosporus</i> Strains and Ecotoxicological Effects of Diclofenac and 4?-Hydroxy-diclofenac. <i>Journal of Chemistry</i> , 2020 , 2020, 1-12	2.3	15
32	Effects of climatic factors on native arbuscular mycorrhizae and <i>Meloidogyne exigua</i> in a Brazilian rubber tree (<i>Hevea brasiliensis</i>) plantation. <i>Plant Pathology</i> , 1999 , 48, 19-25	2.8	15
31	Decision-making criteria for plant-species selection for phytostabilization: Issues of biodiversity and functionality. <i>Journal of Environmental Management</i> , 2017 , 201, 215-226	7.9	13
30	How can a rare protected plant cope with the metal and metalloid soil pollution resulting from past industrial activities? Phytometabolites, antioxidant activities and root symbiosis involved in the metal tolerance of <i>Astragalus tragacantha</i> . <i>Chemosphere</i> , 2019 , 217, 887-896	8.4	10
29	Insights on metal-tolerance and symbionts of the rare species <i>Astragalus tragacantha</i> aiming at phytostabilization of polluted soils and plant conservation. <i>Ecologia Mediterranea</i> , 2011 , 37, 57-62	0	8
28	Impact of organic pollutants on metal and As uptake by helophyte species and consequences for constructed wetlands design and management. <i>Water Research</i> , 2015 , 68, 328-41	12.5	7
27	Heavy Metal Lability in Porewater of Highway Detention Pond Sediments in South-Eastern France in Relation to Submerged Vegetation. <i>Water, Air, and Soil Pollution</i> , 2010 , 209, 229-240	2.6	7
26	Composition and Antimicrobial Activity of the Essential Oil of <i>Hypericum hyssopifolium</i> ssp. <i>hyssopifolium</i> from Southeast France. <i>Journal of Essential Oil Research</i> , 2006 , 18, 469-471	2.3	7
25	Caryophyllene Oxide-rich Essential Oils of Lithuanian <i>Artemisia campestris</i> ssp. <i>campestris</i> and Their Toxicity. <i>Natural Product Communications</i> , 2010 , 5, 1934578X1000501	0.9	6
24	An Arbuscular Mycorrhizal Fungus (<i>Glomus mosseae</i>) Induces a Defence-like Response in Rubber Tree (<i>Hevea brasiliensis</i>) Roots. <i>Journal of Plant Physiology</i> , 2000 , 156, 284-287	3.6	6
23	Evaluation of a potential candidate for heavy metal phytostabilization in polluted sites of the Mediterranean littoral (SE Marseille): endomycorrhizal status, fitness biomarkers and metal content of <i>Atriplex halimus</i> spontaneous populations. <i>Ecological Questions</i> , 14 , 89	1.4	6
22	Implication of phytometabolites on metal tolerance of the pseudo-metallophyte <i>Rosmarinus officinalis</i> - in a Mediterranean brownfield. <i>Chemosphere</i> , 2020 , 249, 126159	8.4	5
21	Changes in mesophyll element distribution and phytometabolite contents involved in fluoride tolerance of the arid gypsum-tolerant plant species <i>Atractylis serratuloides</i> Sieber ex Cass. (<i>Asteraceae</i>). <i>Environmental Science and Pollution Research</i> , 2015 , 22, 7918-29	5.1	5
20	Growth and gas exchange responses of <i>Hevea brasiliensis</i> seedlings to inoculation with <i>Glomus mosseae</i> . <i>Trees - Structure and Function</i> , 1998 , 12, 236-240	2.6	5
19	Advances and limits of two model species for ecotoxicological assessment of carbamazepine, two by-products and their mixture at environmental level in freshwater. <i>Water Research</i> , 2020 , 169, 115267	12.5	5
18	Cytotoxic effect and electrophysiological activity of S-irniine, a synthesised isomer of the natural R-irniine, on human MRC-5 fibroblasts. <i>Natural Product Research</i> , 2005 , 19, 573-80	2.3	4
17	Proposal of a new ecotoxicity evaluation tool based on morphological responses of five helophytes to mixtures of pollutants: The Helophyte Development Index. <i>Ecological Engineering</i> , 2015 , 77, 180-188	3.9	3

16	Larvicidal activity of extracts from <i>Artemisia</i> species against <i>Culex pipiens</i> L. mosquito: comparing endemic versus ubiquist species for effectiveness. <i>Comptes Rendus - Biologies</i> , 2012 , 335, 19-25	1.4	3
15	Evidence of <i>Chara fibrosa</i> Agardh ex Bruzelius, an alien species in South France. <i>Acta Botanica Gallica</i> , 2013 , 160, 157-163		3
14	Comparison of Essential Oil Composition of <i>Daniellia oliveri</i> (Rolfe) Hutch et Dalz. (Caesalpinaceae) Leaves from Senegal and Ivory Coast. <i>Journal of Essential Oil Research</i> , 2008 , 20, 155-157	2.3	3
13	Essential oil composition of leaf, flower and stem of <i>Styrax</i> (<i>Styrax officinalis</i> L.) from south-eastern France. <i>Flavour and Fragrance Journal</i> , 2006 , 21, 809-912	2.5	3
12	Assessment of water quality from the Blue Lagoon of El Cobre mine in Santiago de Cuba: a preliminary study for water reuse. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 16366-16377	5.1	2
11	Biomonitoring of <i>Epilobium hirsutum</i> L. Health Status to Assess Water Ecotoxicity in Constructed Wetlands Treating Mixtures of Contaminants. <i>Water (Switzerland)</i> , 2015 , 7, 697-715	3	2
10	Gain in biodiversity but not in phytostabilization after 3 years of ecological restoration of contaminated Mediterranean soils. <i>Ecological Engineering</i> , 2020 , 157, 105998	3.9	2
9	Tolerance strategies of two Mediterranean native xerophytes under fluoride pollution in Tunisia. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 34753-34764	5.1	2
8	Evaluation of an integrated constructed wetland to manage pig manure under Mediterranean climate. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 16383-95	5.1	1
7	Cytotoxic effect and electrophysiological study on human MRC-5 fibroblasts of R-irniine, a natural alkylyrrolidine alkaloid. <i>Natural Product Research</i> , 2004 , 18, 311-8	2.3	1
6	Regard biologique sur le recul stratégique : atouts et risques pour la diversité végétale péri-urbaine marseillaise. <i>Vertigo: La Revue Electronique En Sciences De L'environnement</i> , 2015 ,	0.7	1
5	Functional Trait-Based Screening of Zn-Pb Tolerant Wild Plant Species at an Abandoned Mine Site in Gard (France) for Rehabilitation of Mediterranean Metal-Contaminated Soils. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	1
4	Coastal environments shape chemical and microbial properties of forest litters in the Circum-Mediterranean region. <i>European Journal of Soil Science</i> , 2021 , 72, 1010-1025	3.4	1
3	Chloride accumulation in aboveground biomass of three macrophytes (<i>Phragmites australis</i> , <i>Juncus maritimus</i> , and <i>Typha latifolia</i>) depending on their growth stages and salinity exposure: application for Cl removal and phytodesalinization.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	
2	Potentiels d'utilisation des macrophytes pour réduire l'impact des industries sur les milieux aquatiques européens. <i>Sciences Eaux & Territoires</i> , 2014 , Numéro 15, 74	0.5	
1	Is a restricted niche the explanation for species vulnerability? Insights from a large field survey of <i>Astragalus tragacantha</i> L. (Fabaceae). <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2021 , 283, 151902	1.9	