

Jacques Rabier

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

428
citations

840776

11
h-index

752698

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g-index

29
all docs

29
docs citations

29
times ranked

523
citing authors

#	ARTICLE	IF	CITATIONS
1	Coronilla juncea, a native candidate for phytostabilization of potentially toxic elements and restoration of Mediterranean soils. Scientific Reports, 2022, 12, .	3.3	3
2	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. International Journal of Environmental Research and Public Health, 2020, 17, 5506.	2.6	3
3	Implication of phytometabolites on metal tolerance of the pseudo-metallophyte -Rosmarinus officinalis- in a Mediterranean brownfield. Chemosphere, 2020, 249, 126159.	8.2	9
4	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 Astragalus tragacantha. Chemosphere, 2019, 217, 887-896.	8.2	15
5	Tolerance strategies of two Mediterranean native xerophytes under fluoride pollution in Tunisia. Environmental Science and Pollution Research, 2018, 25, 34753-34764.	5.3	5
6	Decision-making criteria for plant-species selection for phytostabilization: Issues of biodiversity and functionality. Journal of Environmental Management, 2017, 201, 215-226.	7.8	15
7	Selection of native plants with phytoremediation potential for highly contaminated Mediterranean soil restoration: Tools for a non-destructive and integrative approach. Journal of Environmental Management, 2016, 183, 850-863.	7.8	57
8	Evaluation of an integrated constructed wetland to manage pig manure under Mediterranean climate. Environmental Science and Pollution Research, 2016, 23, 16383-16395.	5.3	2
9	Biomonitoring of Epilobium hirsutum L. Health Status to Assess Water Ecotoxicity in Constructed Wetlands Treating Mixtures of Contaminants. Water (Switzerland), 2015, 7, 697-715.	2.7	4
10	Changes in mesophyll element distribution and phytometabolite contents involved in fluoride tolerance of the arid gypsum-tolerant plant species Atractylis serratuloides Sieber ex Cass. (Asteraceae). Environmental Science and Pollution Research, 2015, 22, 7918-7929.	5.3	7
11	Trace metal extraction and biomass production by spontaneous vegetation in temporary Mediterranean stormwater highway retention ponds: Freshwater macroalgae (Chara spp.) vs. cattails (Typha spp.). Ecological Engineering, 2015, 81, 173-181.	3.6	22
12	As, Pb, Sb, and Zn transfer from soil to root of wild rosemary: do native symbionts matter?. Plant and Soil, 2014, 382, 219-236.	3.7	27
13	Heavy Metal and Arsenic Resistance of the Halophyte Atriplex halimus L. Along a Gradient of Contamination in a French Mediterranean Spray Zone. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	22
14	Trace metal and metalloid contamination levels in soils and in two native plant species of a former industrial site: Evaluation of the phytostabilization potential. Journal of Hazardous Materials, 2013, 248-249, 131-141.	12.4	53
15	Transfer of metals and metalloids from soil to shoots in wild rosemary (Rosmarinus officinalis L.) growing on a former lead smelter site: Human exposure risk. Science of the Total Environment, 2013, 454-455, 219-229.	8.0	47
16	Impact of urban gardening in equatorial zone on soils and metal transfer to vegetables. Journal of the Serbian Chemical Society, 2013, 78, 1045-1053.	0.8	4
17	Larvicidal activity of extracts from Artemisia species against CulexÂpiapiens L.Âmosquito: Comparing endemic versus ubiqvist species for effectiveness. Comptes Rendus - Biologies, 2012, 335, 19-25.	0.2	7
18	A survey of the combined effects of waterlogging and salinity on fruit yield in the date palm groves of the Wargla basin, Algeria. Fruits, 2011, 66, 11-24.	0.4	10

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19	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.	2.4	8
20	Characterization of Metal Tolerance and Accumulation in <i>Grevillea Exul</i> VAR <i>Exul</i> . <i>International Journal of Phytoremediation</i> , 2007, 9, 419-435.	3.1	17
21	Colza (<i>Brassica napus</i> , v. Jaguar) Responses to Low Level of Metal Inputs Through Sewage Sludge Application: Induction of phytochelatin synthesis (10 pp). <i>Journal of Soils and Sediments</i> , 2006, 6, 221-230.	3.0	4
22	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.	1.3	18
23	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.	2.6	5
24	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, 573-580.	1.8	4
25	Effects of Three Nickel Salts on Germinating Seeds of <i>Grevillea exul</i> var. <i>rubiginosa</i> , an Endemic Serpentine Proteaceae. <i>Annals of Botany</i> , 2005, 95, 609-618.	2.9	42
26	Cytotoxic Effect and Electrophysiological Study on Human Mrc-5 Fibroblasts of R-Irniine, A Natural Alkylpyrrolidine Alkaloid. <i>Natural Product Research</i> , 2004, 18, 311-318.	1.8	2
27	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> , 0, 14, 89.	0.3	6