

# 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

20  
g-index

29  
all docs

29  
docs citations

29  
times ranked

523  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	7.8	57
2	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, 131-141.	12.4	53
3	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, 219-229.	8.0	47
4	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
5	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.	3.7	27
6	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.	2.4	22
7	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.	3.6	22
8	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
9	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
10	Decision-making criteria for plant-species selection for phytostabilization: Issues of biodiversity and functionality. <i>Journal of Environmental Management</i> , 2017, 201, 215-226.	7.8	15
11	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.	8.2	15
12	A survey of the combined effects of waterlogging and salinity on fruit yield in the date palm groves of the Wargla basin, Algeria. <i>Fruits</i> , 2011, 66, 11-24.	0.4	10
13	Implication of phytometabolites on metal tolerance of the pseudo-metallophyte <i>Rosmarinus officinalis</i> in a Mediterranean brownfield. <i>Chemosphere</i> , 2020, 249, 126159.	8.2	9
14	Heavy Metal Liability 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
15	Larvicidal activity of extracts from <i>Artemisia</i> species against <i>Culex pipiens</i> L. Mosquito: Comparing endemic versus ubiquitous species for effectiveness. <i>Comptes Rendus - Biologies</i> , 2012, 335, 19-25.	0.2	7
16	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. (Asteraceae). <i>Environmental Science and Pollution Research</i> , 2015, 22, 7918-7929.	5.3	7
17	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
18	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

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19	Tolerance strategies of two Mediterranean native xerophytes under fluoride pollution in Tunisia. <i>Environmental Science and Pollution Research</i> , 2018, 25, 34753-34764.	5.3	5
20	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
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	Impact of urban gardening in equatorial zone on soils and metal transfer to vegetables. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 1045-1053.	0.8	4
23	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.	2.7	4
24	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, 5506.	2.6	3
25	<i>Coronilla juncea</i> , a native candidate for phytostabilization of potentially toxic elements and restoration of Mediterranean soils. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
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 an integrated constructed wetland to manage pig manure under Mediterranean climate. <i>Environmental Science and Pollution Research</i> , 2016, 23, 16383-16395.	5.3	2