

Pierre-Marie Badot

List of Publications by Year in descending order

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47
papers

4,572
citations

186265

28
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243625

44
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all docs

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docs citations

47
times ranked

5921
citing authors

#	ARTICLE	IF	CITATIONS
1	Treated wastewater phytotoxicity assessment using <i>Lactuca sativa</i> : Focus on germination and root elongation test parameters. <i>Comptes Rendus - Biologies</i> , 2017, 340, 188-194.	0.2	99
2	Pollutant removal from industrial discharge water using individual and combined effects of adsorption and ion-exchange processes: Chemical abatement. <i>Journal of Saudi Chemical Society</i> , 2016, 20, 185-194.	5.2	63
3	How to Assess Temporal Changes of Point and Diffuse Contamination in a Rural Karstic Watershed? Relevance of Suspended Particulate Matter (SPM) for Efficient Monitoring. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	2
4	Recent changes in mountain grasslands: a vegetation resampling study. <i>Ecology and Evolution</i> , 2016, 6, 2333-2345.	1.9	28
5	Impact of nitrogen inputs on multiple facets of plant biodiversity in mountain grasslands: does nutrient source matter?. <i>Applied Vegetation Science</i> , 2016, 19, 206-217.	1.9	7
6	PAH occurrence in chalk river systems from the Jura region (France). Pertinence of suspended particulate matter and sediment as matrices for river quality monitoring. <i>Environmental Science and Pollution Research</i> , 2015, 22, 17486-17498.	5.3	13
7	Optimisation of an industrial wastewater decontamination plant: An environment-oriented approach. <i>Canadian Journal of Chemical Engineering</i> , 2014, 92, 391-400.	1.7	2
8	Impact of management type and intensity on multiple facets of grassland biodiversity in the French mountains. <i>Applied Vegetation Science</i> , 2014, 17, 645-657.	1.9	16
9	Unexpected toxic interactions in the freshwater amphipod <i>Gammarus pulex</i> (L.) exposed to binary copper and nickel mixtures. <i>Environmental Science and Pollution Research</i> , 2014, 21, 1099-1111.	5.3	23
10	Isotopic fractionation of tritium in biological systems. <i>Environment International</i> , 2014, 65, 116-126.	10.0	25
11	Measurement of tritium in the free water of milk : spotting and quantifying some biases and proposing ways of improvement. <i>Journal of Environmental Radioactivity</i> , 2014, 127, 1-10.	1.7	4
12	Advanced oxidation (UV-ozone) and cyclodextrin sorption: Effects of individual and combined action on the chemical abatement of organic pollutants in industrial effluents. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 603-608.	5.3	22
13	Calcium isotope fractionation during plant growth under a limited nutrient supply. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 110, 70-83.	3.9	51
14	VII. Références bibliographiques. , 2012, , 113-126.		0
15	Effect of Additional Sorption Treatment by Cross-Linked Starch of Wastewater from a Surface Finishing Plant. <i>Industrial & Engineering Chemistry Research</i> , 2011, 50, 1749-1756.	3.7	18
16	Experimental identification of Ca isotopic fractionations in higher plants. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 5467-5482.	3.9	71
17	Evaluation of the phytotoxicity of polycontaminated industrial effluents using the lettuce plant (<i>Lactuca sativa</i>) as a bioindicator. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 2057-2064.	6.0	88
18	Trace metals in raw cows' milk and assessment of transfer to Comté cheese. <i>Food Chemistry</i> , 2011, 129, 7-12.	8.2	56

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19	Heavy metal removal from industrial effluents by sorption on cross-linked starch: Chemical study and impact on water toxicity. <i>Journal of Environmental Management</i> , 2011, 92, 765-772.	7.8	56
20	High sensitivity of <i>Gammarus</i> sp. juveniles to deltamethrin: Outcomes for risk assessment. <i>Ecotoxicology and Environmental Safety</i> , 2010, 73, 1402-1407.	6.0	40
21	Flooding effects on starch partitioning during early growth of two oak species. <i>Trees - Structure and Function</i> , 2009, 23, 373-380.	1.9	16
22	Mixture toxicity assessment of wood preservative pesticides in the freshwater amphipod <i>Gammarus pulex</i> (L.). <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 441-449.	6.0	70
23	Application of chitosan, a natural aminopolysaccharide, for dye removal from aqueous solutions by adsorption processes using batch studies: A review of recent literature. <i>Progress in Polymer Science</i> , 2008, 33, 399-447.	24.7	1,862
24	The removal of Basic Blue 3 from aqueous solutions by chitosan-based adsorbent: Batch studies. <i>Journal of Hazardous Materials</i> , 2008, 153, 96-106.	12.4	176
25	Adsorption isotherm models for dye removal by cationized starch-based material in a single component system: Error analysis. <i>Journal of Hazardous Materials</i> , 2008, 157, 34-46.	12.4	377
26	Cationized starch-based material as a new ion-exchanger adsorbent for the removal of C.I. Acid Blue 25 from aqueous solutions. <i>Bioresource Technology</i> , 2008, 99, 7573-7586.	9.6	130
27	How subcellular partitioning can help to understand heavy metal accumulation and elimination kinetics in snails. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1284-1292.	4.3	60
28	A novel nonsymbiotic hemoglobin from oak: cellular and tissue specificity of gene expression. <i>New Phytologist</i> , 2008, 177, 142-154.	7.3	51
29	Kinetic and dynamic aspects of soil-plant-snail transfer of cadmium in the field. <i>Environmental Pollution</i> , 2008, 152, 736-745.	7.5	38
30	Long-term responses of snails exposed to cadmium-contaminated soils in a partial life-cycle experiment. <i>Ecotoxicology and Environmental Safety</i> , 2008, 70, 138-146.	6.0	35
31	A municipal solid waste incinerator as the single dominant point source of PCDD/Fs in an area of increased non-Hodgkin's lymphoma incidence. <i>Chemosphere</i> , 2007, 68, 1419-1426.	8.2	21
32	Dispersion Modeling as a Dioxin Exposure Indicator in the Vicinity of a Municipal Solid Waste Incinerator: A Validation Study. <i>Environmental Science & Technology</i> , 2006, 40, 2149-2155.	10.0	30
33	Modelling chronic exposure to contaminated soil: A toxicokinetic approach with the terrestrial snail <i>Helix aspersa</i> . <i>Environment International</i> , 2006, 32, 866-875.	10.0	49
34	HOW TERRESTRIAL SNAILS CAN BE USED IN RISK ASSESSMENT OF SOILS. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 797.	4.3	75
35	Response of sessile oak seedlings (<i>Quercus petraea</i>) to flooding: an integrated study. <i>Tree Physiology</i> , 2006, 26, 759-766.	3.1	56
36	Influence of flooding on growth, nitrogen availability in soil, and nitrate reduction of young oak seedlings (<i>Quercus robur</i> L.). <i>Annals of Forest Science</i> , 2005, 62, 593-600.	2.0	39

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37	Molecular cloning and characterization of calmodulin genes in young oak seedlings (<i>Quercus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 2005, 1727, 213-219.	2.4	14
38	Sensing and signalling during plant flooding. <i>Plant Physiology and Biochemistry</i> , 2004, 42, 273-282.	5.8	206
39	Effect of copper on growth in cucumber plants (<i>Cucumis sativus</i>) and its relationships with carbohydrate accumulation and changes in ion contents. <i>Plant Science</i> , 2004, 166, 1213-1218.	3.6	232
40	Nonavailable Soil Cadmium Is Bioavailable to Snails: Evidence from Isotopic Dilution Experiments. <i>Environmental Science & Technology</i> , 2003, 37, 81-86.	10.0	35
41	Effects of copper on growth and on photosynthesis of mature and expanding leaves in cucumber plants. <i>Plant Science</i> , 2002, 163, 53-58.	3.6	143
42	Is the cadmium uptake from soil important in bioaccumulation and toxic effects for snails?. <i>Ecotoxicology and Environmental Safety</i> , 2002, 53, 425-431.	6.0	65
43	Dose-dependent growth inhibition and bioaccumulation of hexavalent chromium in land snail <i>Helix aspersa aspersa</i> . <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 2571-2578.	4.3	26
44	Cell Elongation and Revolving Movement in <i>Phaseolus vulgaris</i> L. Twining Shoots. <i>Plant and Cell Physiology</i> , 1998, 39, 914-921.	3.1	37
45	Circumnutation in <i>Phaseolus vulgaris</i> . I. Growth, osmotic potential and cell ultrastructure in the free-moving part of the shoot. <i>Physiologia Plantarum</i> , 1988, 72, 133-138.	5.2	37
46	La bioadsorption sur amidon rĂ©ticulĂ© pour enlever des mĂ©taux des effluents industriels. <i>Revue Des Sciences De L'Eau</i> , 0, 23, 275-287.	0.2	6
47	Suivi et optimisation d'une station de dĂ©contamination des eaux usĂ©es de la filiĂ©re traitement de surface : abattement chimique et impact Ă©cotoxicologique. <i>Revue Des Sciences De L'Eau</i> , 0, 24, 329-341.	0.2	2