

Jarôme Labanowski

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

1,766
citations

218677

26
h-index

302126

39
g-index

59
all docs

59
docs citations

59
times ranked

2345
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic extractions to assess mobilization of Zn, Pb, Cu, and Cd in a metal-contaminated soil: EDTA vs. citrate. <i>Environmental Pollution</i> , 2008, 152, 693-701.	7.5	129
2	Impact of wastewater treatment plant discharge on the contamination of river biofilms by pharmaceuticals and antibiotic resistance. <i>Science of the Total Environment</i> , 2017, 579, 1387-1398.	8.0	117
3	Separate treatment of hospital and urban wastewaters: A real scale comparison of effluents and their effect on microbial communities. <i>Science of the Total Environment</i> , 2016, 542, 965-975.	8.0	110
4	Study of organic matter during coagulation and electrocoagulation processes: Application to a stabilized landfill leachate. <i>Journal of Hazardous Materials</i> , 2010, 179, 166-172.	12.4	84
5	Indiscriminate use of glyphosate impregnates river epilithic biofilms in southern Brazil. <i>Science of the Total Environment</i> , 2019, 651, 1377-1387.	8.0	71
6	Environmental contamination in a high-income country (France) by antibiotics, antibiotic-resistant bacteria, and antibiotic resistance genes: Status and possible causes. <i>Environment International</i> , 2022, 159, 107047.	10.0	70
7	“Modern agriculture” transfers many pesticides to watercourses: a case study of a representative rural catchment of southern Brazil. <i>Environmental Science and Pollution Research</i> , 2020, 27, 10581-10598.	5.3	65
8	Impact of effluent organic matter on low-pressure membrane fouling in tertiary treatment. <i>Water Research</i> , 2013, 47, 2633-2642.	11.3	60
9	Understanding the fouling of UF/MF hollow fibres of biologically treated wastewaters using advanced EfOM characterization and statistical tools. <i>Bioresource Technology</i> , 2012, 118, 460-468.	9.6	55
10	Benthic Diatom Communities in an Alpine River Impacted by Waste Water Treatment Effluents as Revealed Using DNA Metabarcoding. <i>Frontiers in Microbiology</i> , 2019, 10, 653.	3.5	55
11	Occurrence of carbamazepine, diclofenac, and their related metabolites and transformation products in a French aquatic environment and preliminary risk assessment. <i>Water Research</i> , 2021, 196, 117052.	11.3	50
12	Antibiotics and microbial resistance in Brazilian soils under manure application. <i>Land Degradation and Development</i> , 2018, 29, 2472-2484.	3.9	40
13	Storage and source of polycyclic aromatic hydrocarbons in sediments downstream of a major coal district in France. <i>Environmental Pollution</i> , 2015, 207, 329-340.	7.5	36
14	River biofilm community changes related to pharmaceutical loads emitted by a wastewater treatment plant. <i>Environmental Science and Pollution Research</i> , 2018, 25, 9254-9264.	5.3	35
15	Phosphorus distribution after three decades of different soil management and cover crops in subtropical region. <i>Soil and Tillage Research</i> , 2019, 192, 33-41.	5.6	35
16	Anthropogenic lead distribution in soils under arable land and permanent grassland estimated by Pb isotopic compositions. <i>Environmental Pollution</i> , 2008, 156, 1083-1091.	7.5	33
17	Chlorination of the β^2 -triketone herbicides tembotrione and sulcotrione: Kinetic and mechanistic study, transformation products identification and toxicity. <i>Water Research</i> , 2015, 76, 132-142.	11.3	33
18	Fate of metal-associated POM in a soil under arable land use contaminated by metallurgical fallout in northern France. <i>Environmental Pollution</i> , 2007, 149, 59-69.	7.5	31

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19	Electro-Fenton removal of TNT: Evidences of the electro-chemical reduction contribution. Applied Catalysis B: Environmental, 2011, 104, 169-176.	20.2	31
20	Prospective modeling with Hydrus-2D of 50years Zn and Pb movements in low and moderately metal-contaminated agricultural soils. Journal of Contaminant Hydrology, 2013, 145, 54-66.	3.3	30
21	Fate of airborne metal pollution in soils as related to agricultural management. 1. Zn and Pb distributions in soil profiles. European Journal of Soil Science, 2007, 58, 547-559.	3.9	29
22	Combination of biodegradable organic matter quantification and XAD-fractionation as effective working parameter for the study of biodegradability in environmental and anthropic samples. Chemosphere, 2009, 74, 605-611.	8.2	28
23	Interaction of erythromycin ethylsuccinate and acetaminophen with protein fraction of extracellular polymeric substances (EPS) from various bacterial aggregates. Environmental Science and Pollution Research, 2013, 20, 7275-7285.	5.3	28
24	Bioweathering of lead blast furnace metallurgical slags by Pseudomonas aeruginosa. International Biodeterioration and Biodegradation, 2014, 86, 372-381.	3.9	28
25	Activity of Six Essential Oils Extracted from Tunisian Plants against <i>Legionella pneumophila</i> . Chemistry and Biodiversity, 2015, 12, 1565-1574.	2.1	28
26	Fatty acid composition modulates sensitivity of <i>Legionella pneumophila</i> to warnericin RK, an antimicrobial peptide. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1146-1153.	2.6	27
27	Mineralogy and metals speciation in Mo rich mineral sludges generated at a metal recycling plant. Waste Management, 2015, 38, 303-311.	7.4	25
28	Pesticide bioaccumulation in epilithic biofilms as a biomarker of agricultural activities in a representative watershed. Environmental Monitoring and Assessment, 2020, 192, 381.	2.7	25
29	Changes in soil organic matter chemical properties after organic amendments. Chemosphere, 2007, 68, 1245-1253.	8.2	23
30	Dissolved organic matter: Precautions for the study of hydrophilic substances using XAD resins. Water Research, 2011, 45, 315-327.	11.3	23
31	Comparative evaluation of the antimicrobial activity of 19 essential oils. Advances in Experimental Medicine and Biology, 2015, 901, 1-15.	1.6	20
32	Unusual microbial mat-related structural diversity 2.1 billion years ago and implications for the Francevillian biota. Geobiology, 2018, 16, 476-497.	2.4	20
33	Impact of EfOM in the elimination of PPCPs by UV/chlorine: Radical chemistry and toxicity bioassays. Water Research, 2021, 204, 117634.	11.3	20
34	Modeling of ¹³⁷ Cs migration in soils using an 80-year soil archive: role of fertilizers and agricultural amendments. Journal of Environmental Radioactivity, 2009, 100, 9-16.	1.7	19
35	Using a two site-reactive model for simulating one century changes of Zn and Pb concentration profiles in soils affected by metallurgical fallout. Environmental Pollution, 2012, 162, 294-302.	7.5	19
36	Bio-alteration of metallurgical wastes by Pseudomonas aeruginosa in a semi flow-through reactor. Journal of Environmental Management, 2015, 147, 297-305.	7.8	19

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37	The SIPIBEL project: treatment of hospital and urban wastewater in a conventional urban wastewater treatment plant. <i>Environmental Science and Pollution Research</i> , 2018, 25, 9197-9206.	5.3	19
38	Tracing Sediment Sources Using Midâ€infrared Spectroscopy in Arvorezinha Catchment, Southern Brazil. <i>Land Degradation and Development</i> , 2017, 28, 1603-1614.	3.9	18
39	Fate of airborne metal pollution in soils as related to agricultural management: 2. Assessing the role of biological activity in microâ€scale Zn and Pb distributions in A, B and C horizons. <i>European Journal of Soil Science</i> , 2010, 61, 514-524.	3.9	17
40	Presence of Anthropogenic Markers in Water: A Case Study of the GuaporÃ© River Watershed, Brazil. <i>Clean - Soil, Air, Water</i> , 2018, 46, 1700019.	1.1	16
41	Investigation on the iron-uptake by natural biofilms. <i>Water Research</i> , 2014, 50, 212-220.	11.3	15
42	Sorption of selected pharmaceuticals by a river sediment: role and mechanisms of sediment or Aldrich humic substances. <i>Environmental Science and Pollution Research</i> , 2018, 25, 14532-14543.	5.3	14
43	Kinetic evolution of blistering in hydrogen-implanted silicon. <i>Applied Physics Letters</i> , 2013, 103, .	3.3	13
44	Impact of historical mining assessed in soils by kinetic extraction and lead isotopic ratios. <i>Science of the Total Environment</i> , 2014, 472, 425-436.	8.0	13
45	Iron Availability Modulates the Persistence of <i>Legionella pneumophila&/i> in Complex Biofilms. <i>Microbes and Environments</i> , 2016, 31, 387-394.	1.6	12
46	Adsorption and transformation of the anthelmintic drug niclosamide by manganese oxide. <i>Chemosphere</i> , 2018, 201, 425-431.	8.2	11
47	River Biofilms Microbiome and Resistome Responses to Wastewater Treatment Plant Effluents Containing Antibiotics. <i>Frontiers in Microbiology</i> , 2022, 13, 795206.	3.5	11
48	One-step purification/extraction method to access glyphosate, glufosinate, and their metabolites in natural waters. <i>Journal of Chromatography A</i> , 2021, 1649, 462188.	3.7	9
49	Transformation of the Î²-Triketone Pesticides Tembotrione and Sulcotrione by Reactions with Ozone: Kinetic Study, Transformation Products, Toxicity and Biodegradability. <i>Ozone: Science and Engineering</i> , 2017, 39, 3-13.	2.5	7
50	Autopsy of RO desalination membrane: Part 2. Chemical characterisation of the foulant. <i>Desalination and Water Treatment</i> , 2009, 9, 73-81.	1.0	6
51	Hydrogeology of a Complex Aquifer System in Semi-Arid Mountainous Region: The Eastern Upper Guir Basin in the High Atlas (Morocco). <i>Water (Switzerland)</i> , 2020, 12, 2849.	2.7	6
52	Pilot for Validation of Online Pretreatments for Analyses of Organics by Gas Chromatographyâ€Mass Spectrometry: Application to Space Research. <i>Analytical Chemistry</i> , 2016, 88, 5137-5144.	6.5	5
53	Contribution of Hospital Effluents to the Load of Micropollutants in WWTP Influent. <i>Handbook of Environmental Chemistry</i> , 2017, , 135-152.	0.4	4
54	Soil Processes, Pedofeatures and Microscale Metal Distributions: Relevant Study of Contaminant-Dynamics Calls for Pedology-Based Soil-Depth Sampling Strategies. <i>Soil Systems</i> , 2018, 2, 17.	2.6	4

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55	Organic composition of epilithic biofilms from agricultural and urban watershed in South Brazil. <i>Environmental Science and Pollution Research</i> , 2021, 28, 28808-28824.	5.3	4
56	Pharmaceutical compound removal efficiency by a small constructed wetland located in south Brazil. <i>Environmental Science and Pollution Research</i> , 2021, 28, 30955-30974.	5.3	4
57	SIPIBEL observatory: Data on usual pollutants (solids, organic matter, nutrients, ions) and micropollutants (pharmaceuticals, surfactants, metals), biological and ecotoxicity indicators in hospital and urban wastewater, in treated effluent and sludge from wastewater treatment plant, and in surface and groundwater. <i>Data in Brief</i> , 2022, 40, 107726.	1.0	4
58	High pressure membrane foulants of seawater, brackish water and river water: origin assessed by sugar and bacteriohopanepolyol signatures. <i>Biofouling</i> , 2011, 27, 21-32.	2.2	3
59	Aqueous alteration and bioalteration of a synthetic enstatite chondrite. <i>Meteoritics and Planetary Science</i> , 2021, 56, 601-618.	1.6	0