Christian Maurice

List of Publications by Citations

35 papers	1,918 citations	12 h-index	36 g-index
36 ext. papers	2,117 ext. citations	5.1 avg, IF	4.81 L-index

#	Paper	IF	Citations
35	Stabilization of As, Cr, Cu, Pb and Zn in soil using amendments--a review. *Waste Management*, **2008**, 28, 215-25	8.6	1163
34	Stabilization of Pb- and Cu-contaminated soil using coal fly ash and peat. *Environmental Pollution*, **2007**, 145, 365-73	9.3	195
33	Assessment of zerovalent iron for stabilization of chromium, copper, and arsenic in soil. *Environmental Pollution*, **2006**, 144, 62-9	9.3	183
32	Potential of coal mine waste rock for generating acid mine drainage. *Journal of Geochemical Exploration*, **2016**, 160, 44-54	3.8	46
31	Impact of water saturation level on arsenic and metal mobility in the Fe-amended soil. *Chemosphere* , **2009**, 74, 206-15	8.4	42
30	Evaluation of the critical factors controlling stability of chromium, copper, arsenic and zinc in iron-treated soil. *Chemosphere*, **2007**, 67, 410-7	8.4	31
29	Characterization of Green Liquor Dregs, Potentially Useful for Prevention of the Formation of Acid Rock Drainage. *Minerals (Basel, Switzerland)*, **2014**, 4, 330-344	2.4	28
28	Effect of the alkaline industrial residues fly ash, green liquor dregs, and lime mud on mine tailings oxidation when used as covering material. *Environmental Earth Sciences*, **2014**, 72, 319-334	2.9	24
27	Hydraulic conductivity of fly ash-sewage sludge mixes for use in landfill cover liners. *Water Research* , **2009**, 43, 3541-7	12.5	24
26	Use of Amended Tailings as Mine Waste Cover. *Waste and Biomass Valorization*, **2013**, 4, 709-718	3.2	22
25	The use of low binder proportions in cemented paste backfill Effects on As-leaching. *Minerals Engineering*, **2015**, 78, 74-82	4.9	21
24	Potential of fly ash for neutralisation of acid mine drainage. *Environmental Science and Pollution Research*, **2016**, 23, 17083-94	5.1	21
23	Field trials to assess the use of iron-bearing industrial by-products for stabilisation of chromated copper arsenate-contaminated soil. *Science of the Total Environment*, **2007**, 387, 68-78	10.2	12
22	Improving Properties of Sealing Layers Made of Till by Adding Green Liquor Dregs to Reduce Oxidation of Sulfidic Mine Waste. *Geotechnical and Geological Engineering*, **2015**, 33, 1047-1054	1.5	9
21	Techniques for the stabilization and assessment of treated copper-, chromium-, and arsenic-contaminated soil. *Ambio*, **2007**, 36, 430-6	6.5	9
20	Assessment of the methane oxidation capacity of soil. *Waste Management and Research*, **2004**, 22, 42-8	4	9
19	Metal Mobilization in Tailings Covered with Alkaline Residue Products: Results from a Leaching Test Using Fly Ash, Green Liquor Dregs, and Lime Mud. *Mine Water and the Environment*, **2015**, 34, 270-287	2.4	7

18	Extraction of Arsenic from Soils Contaminated with Wood Preservation Chemicals. *Soil and Sediment Contamination*, **2010**, 19, 142-159	3.2	7
17	Effects of the co-disposal of lignite fly ash and coal mine waste rocks on AMD and leachate quality. *Environmental Science and Pollution Research*, **2019**, 26, 4104-4115	5.1	7
16	The formation of unsaturated zones within cemented paste backfill mixtures-effects on the release of copper, nickel, and zinc. *Environmental Science and Pollution Research*, **2018**, 25, 20809-20822	5.1	7
15	Mobility of as, Cu, Cr, and Zn from tailings covered with sealing materials using alkaline industrial residues: a comparison between two leaching methods. *Environmental Science and Pollution Research*, **2016**, 23, 648-60	5.1	6
14	Biodegradation of Biosolids Under Aerobic Conditions: Implications for Cover Materials for Sulfide Mine Tailings Remediation. *Mine Water and the Environment*, **2016**, 35, 273-282	2.4	6
13	An Evaluation of Using Various Admixtures of Green Liquor Dregs, a Residual Product, as a Sealing Layer on Reactive Mine Tailings. *Mine Water and the Environment*, **2016**, 35, 283-293	2.4	6
12	The influence of temperature, pH/molarity and extractant on the removal of arsenic, chromium and zinc from contaminated soil. *Journal of Soils and Sediments*, **2011**, 11, 1334-1344	3.4	6
11	Investigation of biosolids degradation under flooded environments for use in underwater cover designs for mine tailing remediation. *Environmental Science and Pollution Research*, **2015**, 22, 10047-57	5.1	5
10	Water quality of stormwater generated from an airport in a cold climate, function of an infiltration pond, and sampling strategy with limited resources. *Environmental Monitoring and Assessment*, **2017**, 190, 4	3.1	5
9	Elemental mobility in sulfidic mine tailings reclaimed with paper mill by-products as sealing materials. *Environmental Science and Pollution Research*, **2017**, 24, 20372-20389	5.1	4
8	Degradation of digested sewage sludge residue under anaerobic conditions for mine tailings remediation. *Environmental Earth Sciences*, **2014**, 72, 3643-3654	2.9	3
7	Green liquor dregs for the amendment of tailings **2010**,		3
6	Variation of green liquor dregs from different pulp and paper mills for use in mine waste remediation. *Environmental Science and Pollution Research*, **2019**, 26, 31284-31300	5.1	2
5	Improving soil investigations at brownfield sites using a flexible work strategy and screening methods inspired by the US Environmental Protection Agency‡ triad approach. *Ambio*, **2007**, 36, 502-11	6.5	2
4	Innovative Circular Economy Models for the European Pulp and Paper Industry: A Reference Framework for a Resource Recovery Scenario. *Sustainability*, **2021**, 13, 10285	3.6	2
3	Effective Oxygen Diffusion Coefficient of Till and Green Liquor Dregs (GLD) Mixes Used in Sealing Layer in Mine Waste Covers. *Water, Air, and Soil Pollution*, **2020**, 231, 1	2.6	1
2	Reporting data: managing sampling and analytical uncertainty **2014**, 88-101		
1	Co-disposal of lignite fly ash and coal mine waste rock for neutralisation of AMD. *Environmental Science and Pollution Research*, **2021**, 28, 48728-48741	5.1	