

A simplified method for the extraction of the metals Fe, from soils and sewage sludges

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Metal residues in soils previously treated with sewage-sludge and their effects on growth and nitrogen fixation by blue-green algae. <i>Soil Biology and Biochemistry</i> , 1986, 18, 345-353.	8.8	86
3	Zinc, copper and nickel concentrations in ryegrass grown on sewage sludge-contaminated soils of different pH. <i>Journal of the Science of Food and Agriculture</i> , 1986, 37, 961-968.	3.5	70
4	Extractability and bioavailability of zinc, nickel, cadmium and copper in three Danish soils sampled 5 years after application of sewage sludge. <i>Journal of the Science of Food and Agriculture</i> , 1986, 37, 1155-1164.	3.5	44
5	Zinc, copper and nickel concentrations in soil extracts and crops grown on four soils treated with metalloaded sewage sludges. <i>Environmental Pollution</i> , 1987, 44, 193-210.	7.5	71
6	Computerized quality control, statistics and regional mapping of the concentrations of trace and major elements in the soil of England and Wales. <i>Soil Use and Management</i> , 1987, 3, 31-38.	4.9	11
7	Comparison of high-performance liquid chromatographic and atomic spectrometric methods for the determination of Fe(III) and Al(III) in soil and clay samples. <i>Journal of Chromatography A</i> , 1988, 449, 241-249.	3.7	7
8	Effects of potentially toxic metals in soil derived from past applications of sewage sludge on nitrogen fixation by <i>trifolium repens</i> L. <i>Soil Biology and Biochemistry</i> , 1988, 20, 415-424.	8.8	204
9	Comparison of results obtained by X-ray fluorescence of the total soil and the atomic absorption spectrometry assay of an acid digest in the routine determination of lead and zinc in soils. <i>Communications in Soil Science and Plant Analysis</i> , 1988, 19, 107-116.	1.4	6
10	Comparative evaluation of residual and total metal analyses in polluted soils. <i>Communications in Soil Science and Plant Analysis</i> , 1988, 19, 1907-1915.	1.4	10
11	An explanation for the apparent losses of metals in a long-term field experiment with sewage sludge. <i>Environmental Pollution</i> , 1989, 60, 235-256.	7.5	130
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13	Heavy metal contents of paddy fields of Alentejo, Portugal. <i>Science of the Total Environment</i> , 1990, 90, 89-97.	8.0	11
14	Influence of various soil amendments on nitrogen-fixing soil microorganisms in a long-term field experiment, with special reference to sewage sludge. <i>Soil Biology and Biochemistry</i> , 1990, 22, 977-982.	8.8	59
15	Comparison of microwave and conventional extraction techniques for the determination of metals in soil, sediment and sludge samples by atomic spectrometry. <i>Analyst</i> , 1991, 116, 347.	3.5	155
16	Metal uptake and distribution in rush (<i>Juncus conglomeratus</i> L.) plants growing in pyrites mine tailings at Lousal, Portugal. <i>Science of the Total Environment</i> , 1991, 102, 253-260.	8.0	27
17	Plant inputs of carbon to metal-contaminated soil and effects on the soil microbial biomass. <i>Soil Biology and Biochemistry</i> , 1991, 23, 1169-1177.	8.8	42
18	Is the dehydrogenase assay invalid as a method to estimate microbial activity in copper-contaminated soils?. <i>Soil Biology and Biochemistry</i> , 1991, 23, 909-915.	8.8	122
19	Microbial biomass dynamics during the decomposition of glucose and maize in metal-contaminated and non-contaminated soils. <i>Soil Biology and Biochemistry</i> , 1991, 23, 917-925.	8.8	180

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21	Studies of the distribution and bioavailability of soil zinc fractions. <i>Journal of the Science of Food and Agriculture</i> , 1991, 57, 325-334.	3.5	9
22	Comparison of two methods of sample preparation for determination by atomic absorption spectroscopy of heavy metals in soils and sediments. <i>Communications in Soil Science and Plant Analysis</i> , 1991, 22, 1559-1568.	1.4	9
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24	Assessment of free-living nitrogen fixation activity as a biological indicator of heavy metal toxicity in soil. <i>Soil Biology and Biochemistry</i> , 1992, 24, 601-606.	8.8	61
25	Rhizobium meliloti is less sensitive to heavy-metal contamination in soil than R. leguminosarum bv. trifolii or R. loti. <i>Soil Biology and Biochemistry</i> , 1993, 25, 273-278.	8.8	40
26	Bacterial resistance to heavy metals related to extractable and total metal concentrations in soil and media. <i>Soil Biology and Biochemistry</i> , 1993, 25, 1443-1446.	8.8	45
27	Enumeration of indigenous Rhizobium leguminosarum biovar Trifolii in soils previously treated with metal-contaminated sewage sludge. <i>Soil Biology and Biochemistry</i> , 1993, 25, 301-309.	8.8	184
28	Residual effects of zinc, copper and nickel in sewage sludge on microbial biomass in a sandy loam. <i>Soil Biology and Biochemistry</i> , 1993, 25, 1231-1239.	8.8	170
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31	Lead pollution in soils adjacent to homes in Tampa, Florida. <i>Environmental Geochemistry and Health</i> , 1994, 16, 59-64.	3.4	20
32	Rates of organic matter decomposition in forests polluted with heavy metals. <i>Ecological Engineering</i> , 1994, 3, 17-26.	3.6	18
33	Heavy metal contents from road soils in Guip�zcoa (Spain). <i>Science of the Total Environment</i> , 1994, 146-147, 157-161.	8.0	19
34	¹³ C NMR studies of organic matter in whole soils: H. A case study of some Rothamsted soils. <i>European Journal of Soil Science</i> , 1995, 46, 139-146.	3.9	53
35	Fertilization effects on organic matter in physically fractionated soils as studied by ¹³ C NMR: Results from two long-term field experiments. <i>European Journal of Soil Science</i> , 1995, 46, 557-565.	3.9	73
36	Comparison of aqua regia digestion with sodium carbonate fusion for the determination of total phosphorus in soils by inductively coupled plasma atomic emission spectroscopy (ICP). <i>Communications in Soil Science and Plant Analysis</i> , 1995, 26, 1357-1368.	1.4	84
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40	Relative Uptake of Cadmium by Garden Vegetables and Fruits Grown on Long-Term Biosolid-Amended Soils. <i>Environmental Science & Technology</i> , 1996, 30, 3508-3511.	10.0	41
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45	Enumeration and N ₂ fixation potential of <i>Rhizobium leguminosarum</i> biovar <i>trifolii</i> grown in soil with varying pH values and heavy metal concentrations. <i>Agriculture, Ecosystems and Environment</i> , 1997, 61, 103-111.	5.3	35
46	Title is missing!. <i>Plant and Soil</i> , 1997, 197, 71-78.	3.7	210
47	Zinc, lead and cadmium tolerance, uptake and accumulation by <i>Typha latifolia</i> . <i>New Phytologist</i> , 1997, 136, 469-480.	7.3	181
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57	Assessment of the toxicity of metals in soils amended with sewage sludge using a chemical speciation technique and a <i>lux</i> -based biosensor. Environmental Toxicology and Chemistry, 1999, 18, 659-663.	4.3	94
58	Soil microbial biomass and organic C in a gradient of zinc concentrations in soils around a mine spoil tip. Soil Biology and Biochemistry, 1999, 31, 867-876.	8.8	78
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81	Title is missing!. <i>Plant and Soil</i> , 2001, 237, 147-156.	3.7	62
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99	Title is missing!. <i>Plant and Soil</i> , 2003, 249, 203-215.	3.7	193
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111	Simultaneous Soil Cd and PCB Decontamination using a Surfactant/Ligand Solution. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2004, 39, 2783-2798.	1.7	9
112	Kinetics of Zn Release in Soils and Prediction of Zn Concentration in Plants Using Diffusive Gradients in Thin Films. <i>Environmental Science & Technology</i> , 2004, 38, 3608-3613.	10.0	137
113	Lead in paddy soils and rice plants and its potential health risk around Lechang Lead/Zinc Mine, Guangdong, China. <i>Environment International</i> , 2004, 30, 883-889.	10.0	117
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141	Chelate-induced phytoextraction of metal polluted soils with <i>Brachiaria decumbens</i> . <i>Chemosphere</i> , 2006, 65, 43-50.	8.2	82
142	Heavy metal speciation and phytotoxic effects of three representative sewage sludges for agricultural uses. <i>Environmental Pollution</i> , 2006, 139, 507-514.	7.5	272
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