

Improvement of the BCR three step sequential extraction
certification of new sediment and soil reference materials

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Title is missing!. Environmental Geochemistry and Health, 2000, 22, 281-296.	3.4	35
2	Metal phase associations in soils from an urban watershed, Honolulu, Hawaii. Science of the Total Environment, 2000, 256, 103-113.	8.0	49
3	Total metal concentrations and partitioning of Cd, Cr, Cu, Fe, Ni and Zn in sewage sludge. Science of the Total Environment, 2000, 250, 9-19.	8.0	207
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5	Use of the BCR three-step sequential extraction procedure for the study of the partitioning of Cd, Pb and Zn in various soil samples. Journal of Soils and Sediments, 2001, 1, 25-29.	3.0	38
6	New Sediment and Soil CRMs for Extractable Trace Metal Content. International Journal of Environmental Analytical Chemistry, 2001, 79, 81-95.	3.3	18
7	Heavy Metal Fractionation in Sediments from the Tinto River (Spain). International Journal of Environmental Analytical Chemistry, 2002, 82, 245-257.	3.3	41
8	Insights into sequential chemical extraction procedures from quantitative XRD: a study of trace metal partitioning in sediments related to frog malformities. Chemical Geology, 2002, 184, 337-357.	3.3	39
9	Comparison between non-residual Al, Co, Cu, Fe, Mn, Ni, Pb and Zn released by a three-step sequential extraction procedure and a dilute hydrochloric acid leach for soil and road deposited sediment. Applied Geochemistry, 2002, 17, 353-365.	3.0	161
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39	Trace Element Chemistry in Residual-Treated Soil: Key Concepts and Metal Bioavailability. <i>Journal of Environmental Quality</i> , 2005, 34, 49-63.	2.0	521
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1162	Metal immobilization and nitrate reduction in a contaminated soil amended with zero-valent iron (Fe ⁰). <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110868.	6.0	11
1163	Modification-bioremediation of copper, lead, and cadmium-contaminated soil by combined ryegrass (<i>Lolium multiflorum</i> Lam.) and <i>Pseudomonas aeruginosa</i> treatment. <i>Environmental Science and Pollution Research</i> , 2020, 27, 37668-37676.	5.3	9
1164	Study of the effect of weathered coal activated by ultrasonic on speciation of Cr in soil. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 467, 012175.	0.3	0
1165	Unveiling a Recycling-Sourced Mineral-Biocellulose Fibre Composite for Use in Combustion-Generated NOx Mitigation Forming Plant Nutrient: Meeting Sustainability Development Goals in the Circular Economy. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3927.	2.5	10
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1172	Field survey study on the difference in Cd accumulation capacity of rice and wheat in rice-wheat rotation area. <i>Journal of Soils and Sediments</i> , 2020, 20, 2082-2092.	3.0	18
1173	Determining cadmium bioavailability in sediment profiles using diffusive gradients in thin films. <i>Journal of Environmental Sciences</i> , 2020, 91, 160-167.	6.1	11
1174	Time-dependent evolution of Zn(II) fractions in soils remediated by wheat straw biochar. <i>Science of the Total Environment</i> , 2020, 717, 137021.	8.0	4
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1179	Behaviour of mercury during Co-incineration of sewage sludge and municipal solid waste. <i>Journal of Cleaner Production</i> , 2020, 253, 119969.	9.3	20
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1227	Transformation behaviors and environmental risk assessment of heavy metals during resource recovery from <i>Sedum plumbizincicola</i> via hydrothermal liquefaction. <i>Journal of Hazardous Materials</i> , 2021, 410, 124588.	12.4	26
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1242	Geochemical fractions of trace metals in surface and core sections of aggregates in agricultural soils. <i>Catena</i> , 2021, 197, 104995.	5.0	22
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1263	Impact of Biochar on Soil Properties, Pore Water Properties, and Available Cadmium. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 107, 544-552.	2.7	6
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1273	Artificial radionuclides association with bottom sediment components from Mayak Production Association industrial reservoirs. <i>Journal of Environmental Radioactivity</i> , 2021, 232, 106569.	1.7	9
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1277	Cadmium Uptake and Growth Responses of Potted Vegetables to the Cd-Contaminated Soil Inoculated with Cd-Tolerant <i>Purpureocillium lilacinum</i> N1. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 622.	2.0	3
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1294	Nickel Uptake by Cypress Pine (<i>Callitris glaucophylla</i>) in the Miandetta Area, Australia: Implications for Use in Biogeochemical Exploration. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 808.	2.0	3
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1296	Inoculation With Indigenous Rhizosphere Microbes Enhances Aboveground Accumulation of Lead in <i>Salix integra</i> Thunb. by Improving Transport Coefficients. <i>Frontiers in Microbiology</i> , 2021, 12, 686812.	3.5	13
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1448	Chapitre 24. PrÃ©sence et impact des Ã©lÃ©ments en traces dans les sols. , 2011, , 574-596.		0
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1451	Heteroauxin-producing bacteria enhance the plant growth and lead uptake of <i>Miscanthus floridulus</i> (Lab.). <i>International Journal of Phytoremediation</i> , 2022, 24, 1205-1212.	3.1	3
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1453	Remediation for trace metals in polluted soils by turfgrass assisted with chemical reagents. <i>Chemosphere</i> , 2022, 295, 133790.	8.2	5
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1457	Antimony Immobilization in Primary-Explosives-Contaminated Soils by Fe-Al-Based Amendments. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1979.	2.6	2
1458	Accumulation, chemical speciation and ecological risks of heavy metals on expanded polystyrene microplastics in seawater. <i>Gondwana Research</i> , 2022, 108, 181-192.	6.0	15
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1467	Exchangeable and Plant-Available Macronutrients in a Long-Term Tillage and Crop Rotation Experiment after 15 Years. <i>Plants</i> , 2022, 11, 565.	3.5	3
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1471	Tailored Leaching Tests as a Tool for Environmental Management of Mine Tailings Disposal at Sea. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 405.	2.6	1
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1474	Diversity and Vertical Distribution of Sedimentary Bacterial Communities and Its Association with Metal Bioavailability in Three Distinct Mangrove Reserves of South China. <i>Water (Switzerland)</i> , 2022, 14, 971.	2.7	3
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1479	Water-soluble chitosan and phytoremediation efficiency of two <i>Brassica napus</i> L. cultivars in cadmium-contaminated farmland soils. <i>International Journal of Phytoremediation</i> , 2022, 24, 1557-1566.	3.1	4
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1510	Efficiency of heterogeneous chelating agents on the phytoremediation potential and growth of <i>Sasa argenteostriata</i> (Regel) E.G. Camus on Pb-contaminated soil. <i>Ecotoxicology and Environmental Safety</i> , 2022, 238, 113603.	6.0	6
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1518	Vanadium: A Review of Different Extraction Methods to Evaluate Bioavailability and Speciation. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 642.	2.0	9
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1530	A closed-loop electrokinetic system for recovery of PbO ₂ @Fe composite derived from lead-containing sludge. <i>Chemosphere</i> , 2022, 304, 135338.	8.2	2
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1534	Heavy Metal Sources, Contamination and Risk Assessment in Legacy Pb/Zn Mining Tailings Area: Field Soil and Simulated Rainfall. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2022, 109, 636-642.	2.7	7
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1539	Integrating indices based on different chemical extractions and bioaccumulation in <i>Bellamyia aeruginosa</i> to assess metal pollution and ecological risk in sediment. <i>Ecotoxicology and Environmental Safety</i> , 2022, 242, 113853.	6.0	4

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1541	Gallium isotope constraints on the intense weathering of basalt. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 333, 22-38.	3.9	4
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1551	Oxidation leaching of chromium from electroplating sludge: Ultrasonic enhancement and its mechanism. <i>Frontiers in Chemistry</i> , 0, 10, .	3.6	2
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1555	Microplastics can affect soil properties and chemical speciation of metals in yellow-brown soil. <i>Ecotoxicology and Environmental Safety</i> , 2022, 243, 113958.	6.0	23
1556	Effect of vitamin C supplement on lead bioaccessibility in contaminated soils using multiple in vitro gastrointestinal assays: Mechanisms and health risks. <i>Ecotoxicology and Environmental Safety</i> , 2022, 243, 113968.	6.0	2
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1561	Transformation and leaching behavior of Pb in hazardous waste incineration fly ash after thermal treatment with addition of Fe ₂ O ₃ . <i>Waste Management</i> , 2022, 153, 304-311.	7.4	8
1562	Bioaccessibility of Pb in health-related size fractions of contaminated soils amended with phosphate. <i>Science of the Total Environment</i> , 2023, 855, 158831.	8.0	3
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1564	In situ sediment remediation with alkali-activated materials. , 2022, , 315-329.		0
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1567	Investigation of reducing trace elements and PM emission from coal combustion by blending coal. <i>Fuel</i> , 2023, 332, 126080.	6.4	0
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1569	Spatial Distributions and Intrinsic Influence Analysis of Cr, Ni, Cu, Zn, As, Cd and Pb in Sediments from the Wuliangshuai Wetland, China. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 10843.	2.6	4
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1573	Assessment of metallic trace elements mobility from mine tailing and soils around abandoned Pb mine site in North East Morocco. <i>Journal of Taibah University for Science</i> , 2022, 16, 933-943.	2.5	3
1574	Remediation of Heavy Metal Contaminated Farmland Soil by Biodegradable Chelating Agent GLDA. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 9277.	2.5	1
1575	Biochar Derived from Cow Bones and Corn Stalks Reduced the Release of Cd and Pb and the Human Health Risk Index of Quinoa Grown in Contaminated Soils. <i>Journal of Soil Science and Plant Nutrition</i> , 2022, 22, 4024-4034.	3.4	3

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1577	A bibliometric analysis and assessment of priorities for heavy metal bioavailability research and risk management in contaminated land. <i>Environmental Geochemistry and Health</i> , 2023, 45, 2691-2704.	3.4	2
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1579	Impacts of climate change on metal leaching and partitioning for submarine mine tailings disposal. <i>Marine Pollution Bulletin</i> , 2022, 184, 114197.	5.0	4
1580	Influence of dissolved organic matter and heavy metals on the utilization of soil-like material mined from different types of MSW landfills. <i>Waste Management</i> , 2022, 153, 312-322.	7.4	5
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1584	Bioaccumulation and human health risk assessment of some heavy metals in sediments, <i>Sparus aurata</i> and <i>Salicornia europaea</i> in Çeşme Lagoon, the south of Aegean Sea. <i>Environmental Science and Pollution Research</i> , 2023, 30, 18227-18243.	5.3	2
1585	Metal contamination in a sediment core from Osaka Bay during the last 400 years. <i>Progress in Earth and Planetary Science</i> , 2022, 9, .	3.0	2
1586	Fractionation and risk assessment of potentially toxic elements in surface soil from northeast China mountains. <i>Journal of Soils and Sediments</i> , 0, , .	3.0	0
1587	Microbial diversity in paddy rhizospheric soils around a large industrial thallium-containing sulfide utilization zone. <i>Environmental Research</i> , 2023, 216, 114627.	7.5	5
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