

Ute Kalbe

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

640
citations

567144

15
h-index

580701

25
g-index

34
all docs

34
docs citations

34
times ranked

757
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of leaching and extraction procedures for soil and waste. <i>Waste Management</i> , 2008, 28, 1027-1038.	3.7	85
2	Comparison of stir bar sorptive extraction (SBSE) and liquid-liquid extraction (LLE) for the analysis of polycyclic aromatic hydrocarbons (PAH) in complex aqueous matrices. <i>Talanta</i> , 2011, 85, 1428-1434.	2.9	48
3	Column percolation test for contaminated soils: Key factors for standardization. <i>Journal of Hazardous Materials</i> , 2016, 320, 326-340.	6.5	45
4	Results of interlaboratory comparisons of column percolation tests. <i>Journal of Hazardous Materials</i> , 2007, 148, 714-720.	6.5	43
5	Column and batch tests of sulfonamide leaching from different types of soil. <i>Journal of Hazardous Materials</i> , 2013, 260, 468-474.	6.5	42
6	Effect of contact time on the release of contaminants from granular waste materials during column leaching experiments. <i>Waste Management</i> , 2010, 30, 565-571.	3.7	41
7	Transport of organic contaminants within composite liner systems. <i>Applied Clay Science</i> , 2002, 21, 67-76.	2.6	38
8	Leaching experiments on the release of heavy metals and PAH from soil and waste materials. <i>Journal of Hazardous Materials</i> , 2012, 207-208, 51-55.	6.5	38
9	Comparison of Batch and Column Tests for the Elution of Artificial Turf System Components. <i>Environmental Science & Technology</i> , 2012, 46, 13085-13092.	4.6	26
10	New approach to the ecotoxicological risk assessment of artificial outdoor sporting grounds. <i>Environmental Pollution</i> , 2013, 175, 69-74.	3.7	25
11	Potential Use of Incineration Bottom Ash in Construction: Evaluation of the Environmental Impact. <i>Waste and Biomass Valorization</i> , 2020, 11, 7055-7065.	1.8	21
12	Effects of colloidal particles on the results and reproducibility of batch leaching tests for heavy metal-contaminated soil. <i>Soils and Foundations</i> , 2017, 57, 861-871.	1.3	20
13	Influence of wood ash pre-treatment on leaching behaviour, liming and fertilising potential. <i>Waste Management</i> , 2019, 83, 113-122.	3.7	18
14	Column leaching tests on soils containing less investigated organic pollutants. <i>Journal of Geochemical Exploration</i> , 2014, 147, 291-297.	1.5	17
15	Laboratory Tools to Quantify Biogenic Dissolution of Rocks and Minerals: A Model Rock Biofilm Growing in Percolation Columns. <i>Frontiers in Earth Science</i> , 2016, 4, .	0.8	17
16	Sorption effects interfering with the analysis of polycyclic aromatic hydrocarbons (PAH) in aqueous samples. <i>Talanta</i> , 2014, 122, 151-156.	2.9	15
17	Influence of weathering on the leaching behaviour of zinc and PAH from synthetic sports surfaces. <i>Polymer Testing</i> , 2017, 63, 621-631.	2.3	14
18	Identification of Descriptive Parameters of the Soil Pore Structure Using Experiments and CT Data. , 2010, , .		11

#	ARTICLE	IF	CITATIONS
19	Development of Leaching Procedures for Synthetic Turf Systems Containing Scrap Tyre Granules. Waste and Biomass Valorization, 2013, 4, 745-757.	1.8	11
20	Using Environmental Simulations to Test the Release of Hazardous Substances from Polymer-Based Products: Are Realism and Pragmatism Mutually Exclusive Objectives?. Materials, 2020, 13, 2709.	1.3	11
21	Assessment of leachates from reactive fire-retardant coatings by chemical analysis and ecotoxicity testing. Chemosphere, 2019, 226, 85-93.	4.2	9
22	Ecotoxicological evaluation of construction products: inter-laboratory test with DSLT and percolation test eluates in an aquatic biotest battery. Environmental Sciences Europe, 2021, 33, .	2.6	9
23	Fabric studies on contaminated mineral layers in composite liners. Applied Clay Science, 2002, 21, 89-98.	2.6	7
24	The leaching behavior of cyclophosphamide and ifosfamide from soil in the presence of co-contaminant " Mixture sorption approach. Science of the Total Environment, 2016, 542, 915-922.	3.9	6
25	Validation of European horizontal methods for the analysis of PAH, PCB and dioxins in sludge, treated biowaste and soil. Environmental Sciences Europe, 2019, 31, .	2.6	6
26	ANTIMONY AND VANADIUM IN INCINERATION BOTTOM ASH " LEACHING BEHAVIOR AND CONCLUSIONS FOR TREATMENT PROCESSES. Detritus, 2021, , 75-81.	0.4	5
27	Influence of flow rate and particle size on local equilibrium in column percolation tests using crushed masonry. Journal of Material Cycles and Waste Management, 2019, 21, 642-651.	1.6	4
28	Waste Characterization by Leaching and Extraction Procedures. , 2008, , .		3
29	Laboratory leaching tests on treated wood according to different harmonised test procedures. Environmental Sciences Europe, 2014, 26, .	2.6	2
30	Selection and Characterization of Test Samples and Eluates. , 2009, , 35-46.		1
31	Measurement of the Environmental Impact of Materials. Materials, 2022, 15, 2208.	1.3	1
32	Improving consistency at testing cementitious materials in the Dynamic Surface Leaching Test on the basis of the European technical specification CEN/TS 16637"2 " Results of a round robin test. Journal of Environmental Management, 2022, 314, 114959.	3.8	1
33	Harmonization and validation of leaching standards - new developments in Germany. Land Contamination and Reclamation, 2008, 16, 45-49.	0.4	0