

Koen Oorts

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6380807/publications.pdf>

Version: 2024-02-01

39
papers

2,226
citations

279798

23
h-index

377865

34
g-index

40
all docs

40
docs citations

40
times ranked

2434
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioavailability and Ecotoxicity of Lead in Soil: Implications for Setting Ecological Soil Quality Standards. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 1948-1961.	4.3	16
2	Near-zero-waste processing of low-grade, complex primary ores and secondary raw materials in Europe: technology development trends. <i>Resources, Conservation and Recycling</i> , 2020, 160, 104919.	10.8	114
3	Validating the Use of a Toxicity Database for Prediction of Plant Cover and Biodiversity in Multi-Metal Mining-Impacted Soils. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1826-1838.	4.3	1
4	Effects of Silver Nitrate are a Conservative Estimate for the Effects of Silver Nanoparticles on Algae Growth and <i>Daphnia magna</i> Reproduction. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1701-1713.	4.3	6
5	Effects of Soil Properties on the Toxicity and Bioaccumulation of Lead in Soil Invertebrates. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1486-1494.	4.3	34
6	Transformation-dissolution reactions partially explain adverse effects of metallic silver nanoparticles to soil nitrification in different soils. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2123-2131.	4.3	8
7	Environmental Toxicity Assessment of Complex Inorganic Materials. , 2018, , 97-125.		1
8	GEMAS: Establishing geochemical background and threshold for 53 chemical elements in European agricultural soil. <i>Applied Geochemistry</i> , 2018, 88, 302-318.	3.0	143
9	A framework for ecological risk assessment of metal mixtures in aquatic systems. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 623-642.	4.3	58
10	Risk Assessment of Exposure to Inorganic Substances of UVCBs (Unknown or Variable Composition,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2018, , 191-205.		1
11	Emerging Tools in the Assessment of Metals: Current Applicability. , 2018, , 245-269.		0
12	Main Characteristics of Relevance for the Assessment of Complex Inorganic Materials. , 2018, , 69-80.		0
13	Specific Methodologies/Tools to Support Assessment. , 2018, , 145-168.		0
14	Mechanisms Underlying Toxicity of Complex Inorganic Materials. , 2018, , 27-54.		2
15	GEMAS: Cadmium distribution and its sources in agricultural and grazing land soil of Europe - Original data versus clr-transformed data. <i>Journal of Geochemical Exploration</i> , 2017, 173, 13-30.	3.2	74
16	Deriving and using limit values for metals for ecological protection of soils: Challenges and solutions. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 1127-1128.	2.9	1
17	Derivation of ecological standards for risk assessment of molybdate in soil. <i>Environmental Chemistry</i> , 2016, 13, 168.	1.5	11
18	Use of GEMAS data for risk assessment of cadmium in European agricultural and grazing land soil under the REACH Regulation. <i>Applied Geochemistry</i> , 2016, 74, 109-121.	3.0	24

#	ARTICLE	IF	CITATIONS
19	The way forward for risk assessment of nanomaterials in solid media. <i>Environmental Pollution</i> , 2016, 218, 1363-1364.	7.5	9
20	Toxicity in lead salt spiked soils to plants, invertebrates and microbial processes: Unraveling effects of acidification, salt stress and ageing reactions. <i>Science of the Total Environment</i> , 2015, 536, 223-231.	8.0	43
21	Deriving site-specific soil clean-up values for metals and metalloids: Rationale for including protection of soil microbial processes. <i>Integrated Environmental Assessment and Management</i> , 2014, 10, 388-400.	2.9	19
22	Modelling the effects of copper on soil organisms and processes using the free ion approach: Towards a multi-species toxicity model. <i>Environmental Pollution</i> , 2013, 178, 244-253.	7.5	34
23	Copper toxicity in soils under established vineyards in Europe: A survey. <i>Science of the Total Environment</i> , 2013, 443, 470-477.	8.0	114
24	Aging of nickel added to soils as predicted by soil pH and time. <i>Chemosphere</i> , 2013, 92, 962-968.	8.2	49
25	The Availability of Copper in Soils Historically Amended with Sewage Sludge, Manure, and Compost. <i>Journal of Environmental Quality</i> , 2012, 41, 506-514.	2.0	38
26	Effect of long-term equilibration on the toxicity of molybdenum to soil organisms. <i>Environmental Pollution</i> , 2012, 162, 1-7.	7.5	37
27	Ecological threshold concentrations for antimony in water and soil. <i>Environmental Chemistry</i> , 2009, 6, 116.	1.5	17
28	Toxicity of Trace Metals in Soil as Affected by Soil Type and Aging After Contamination: Using Calibrated Bioavailability Models to Set Ecological Soil Standards. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1633-1642.	4.3	333
29	Influence of soil properties on copper toxicity for two soil invertebrates. <i>Environmental Toxicology and Chemistry</i> , 2008, 27, 1748-1755.	4.3	74
30	Solubility and Toxicity of Antimony Trioxide (Sb_2O_3) in Soil. <i>Environmental Science & Technology</i> , 2008, 42, 4378-4383.	10.0	118
31	Phytoextraction of metals from soils: How far from practice?. <i>Environmental Pollution</i> , 2007, 150, 34-40.	7.5	190
32	Leaching and aging decrease nickel toxicity to soil microbial processes in soils freshly spiked with nickel chloride. <i>Environmental Toxicology and Chemistry</i> , 2007, 26, 1130-1138.	4.3	95
33	Influence of soil properties on copper toxicity for two soil invertebrates. <i>Environmental Toxicology and Chemistry</i> , 2007, preprint, 1.	4.3	27
34	Terrestrial Biotic Ligand Model. 2. Application to Ni and Cu Toxicities to Plants, Invertebrates, and Microbes in Soil. <i>Environmental Science & Technology</i> , 2006, 40, 7094-7100.	10.0	164
35	SOIL PROPERTIES AFFECTING THE TOXICITY OF $CuCl_2$ AND $NiCl_2$ FOR SOIL MICROBIAL PROCESSES IN FRESHLY SPIKED SOILS. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 836.	4.3	124
36	DISCREPANCY OF THE MICROBIAL RESPONSE TO ELEVATED COPPER BETWEEN FRESHLY SPIKED AND LONG-TERM CONTAMINATED SOILS. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 845.	4.3	91

#	ARTICLE	IF	CITATIONS
37	A New Method for the Simultaneous Measurement of pH-Dependent Cation Exchange Capacity and pH Buffering Capacity. Soil Science Society of America Journal, 2004, 68, 1578-1585.	2.2	13
38	Cation exchange capacities of soil organic matter fractions in a Ferric Lixisol with different organic matter inputs. Agriculture, Ecosystems and Environment, 2003, 100, 161-171.	5.3	100
39	Soil Organic Matter and Soil Fertility. SSSA Special Publication Series, 2001, , .	0.2	2