

# Hans Christian B Hansen

## List of Publications by Citations

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153  
papers

4,657  
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35  
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160  
ext. papers

5,191  
ext. citations

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avg, IF

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L-index

#	Paper	IF	Citations
153	Phosphorus retention in riparian buffers: review of their efficiency. <i>Journal of Environmental Quality</i> , <b>2009</b> , 38, 1942-55	3.4	230
152	Evaluation of the free energy of formation of Fe(II)-Fe(III) hydroxide-sulphate (green rust) and its reduction of nitrite. <i>Geochimica Et Cosmochimica Acta</i> , <b>1994</b> , 58, 2599-2608	5.5	200
151	Reductive Dechlorination of Carbon Tetrachloride Using Iron(II) Iron(III) Hydroxide Sulfate (Green Rust). <i>Environmental Science &amp; Technology</i> , <b>1999</b> , 33, 307-311	10.3	179
150	Source identification of heavy metals in peri-urban agricultural soils of southeast China: An integrated approach. <i>Environmental Pollution</i> , <b>2018</b> , 237, 650-661	9.3	165
149	Sorption of zinc and lead on coir. <i>Bioresource Technology</i> , <b>2007</b> , 98, 89-97	11	162
148	Kinetics of nitrate reduction by green rusts—Effects of interlayer anion and Fe(II):Fe(III) ratio. <i>Applied Clay Science</i> , <b>2001</b> , 18, 81-91	5.2	148
147	pH-dependent release of cadmium, copper, and lead from natural and sludge-amended soils. <i>Journal of Environmental Quality</i> , <b>2002</b> , 31, 1901-9	3.4	109
146	Oxidative decomposition of atrazine by a Fenton-like reaction in a H <sub>2</sub> O <sub>2</sub> /ferrihydrite system. <i>Water Research</i> , <b>2007</b> , 41, 55-62	12.5	102
145	Copper resistance in <i>Enterococcus faecium</i> , mediated by the <i>tcrB</i> gene, is selected by supplementation of pig feed with copper sulfate. <i>Applied and Environmental Microbiology</i> , <b>2006</b> , 72, 5784-9	4.8	90
144	Effect of natural organic soil solutes on weathering rates of soil minerals. <i>European Journal of Soil Science</i> , <b>1998</b> , 49, 397-406	3.4	87
143	Composition and reactivity of DOC in forest floor soil solutions in relation to tree species and soil type. <i>Biogeochemistry</i> , <b>2001</b> , 56, 1-26	3.8	78
142	Degradation of 4-chloro-2-methylphenoxyacetic acid in top- and subsoil is quantitatively linked to the class III <i>tfdA</i> gene. <i>Applied and Environmental Microbiology</i> , <b>2006</b> , 72, 1476-86	4.8	75
141	Poly l-lactide-layered double hydroxide nanocomposites via in situ polymerization of l-lactide. <i>Polymer Degradation and Stability</i> , <b>2010</b> , 95, 2563-2573	4.7	74
140	Synthesis and characterization of pyroaurite. <i>Applied Clay Science</i> , <b>1995</b> , 10, 5-19	5.2	73
139	Cadmium and copper release kinetics in relation to afforestation of cultivated soil. <i>Geochimica Et Cosmochimica Acta</i> , <b>2001</b> , 65, 1233-1242	5.5	69
138	Dissolved organic carbon and decreasing pH mobilize cadmium and copper in soil. <i>European Journal of Soil Science</i> , <b>2005</b> , 56, 189-196	3.4	68
137	Melt processing of poly(L-lactic acid) in the presence of organomodified anionic or cationic clays. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 122, 112-125	2.9	61

136	Distribution of multiple pesticide residues in apple segments after home processing. <i>Food Additives and Contaminants</i> , <b>2003</b> , 20, 1044-63		58
135	Interaction of Synthetic Sulphate Green Rust with Phosphate and the Crystallization of Vivianite. <i>Clays and Clay Minerals</i> , <b>1999</b> , 47, 312-318	2.1	56
134	Facile upscaled synthesis of layered iron oxide nanosheets and their application in phosphate removal. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 7505-7512	13	55
133	Sorption, degradation and mobility of ptaquiloside, a carcinogenic Bracken (Pteridium sp.) constituent, in the soil environment. <i>Chemosphere</i> , <b>2005</b> , 58, 823-35	8.4	51
132	Vivianite precipitation and phosphate sorption following iron reduction in anoxic soils. <i>Journal of Environmental Quality</i> , <b>2012</b> , 41, 938-49	3.4	49
131	Biotransformation of 2-benzoxazolinone to 2-amino-(3H)-phenoxazin-3-one and 2-acetylamino-(3H)-phenoxazin-3-one in soil. <i>Journal of Chemical Ecology</i> , <b>2005</b> , 31, 1205-22	2.7	48
130	High-resolution imaging of labile phosphorus and its relationship with iron redox state in lake sediments. <i>Environmental Pollution</i> , <b>2016</b> , 219, 466-474	9.3	47
129	Synthesis and Characterization of Cobalt(II)-Iron(III) Hydroxide Carbonate, a Layered Double Hydroxide Belonging to the Pyroaurite Group. <i>Journal of Solid State Chemistry</i> , <b>1994</b> , 113, 46-53	3.3	46
128	Occurrence of the carcinogenic Bracken constituent ptaquiloside in fronds, topsoils and organic soil layers in Denmark. <i>Chemosphere</i> , <b>2003</b> , 51, 117-27	8.4	45
127	Synthesis and Properties of Hexacyanoferrate Interlayered in Hydrotalcite. I. Hexacyanoferrate(II). <i>Clays and Clay Minerals</i> , <b>1994</b> , 42, 170-179	2.1	43
126	Degradation kinetics of glucosinolates in soil. <i>Environmental Toxicology and Chemistry</i> , <b>2006</b> , 25, 2038-44	3.8	41
125	Determination of anions in soil solutions by capillary zone electrophoresis. <i>Analyst, The</i> , <b>1998</b> , 123, 721-724		41
124	Biopore Mediated Subsurface Transport of Dissolved Orthophosphate. <i>Journal of Environmental Quality</i> , <b>1998</b> , 27, 1130-1137	3.4	41
123	Degradation of chlorpyrifos in humid tropical soils. <i>Journal of Environmental Management</i> , <b>2013</b> , 125, 28-32	7.9	40
122	Low phosphorus release but high nitrogen removal in two restored riparian wetlands inundated with agricultural drainage water. <i>Ecological Engineering</i> , <b>2012</b> , 46, 75-87	3.9	38
121	Phosphorus mobilization in rewetted peat and sand at variable flow rate and redox regimes. <i>Geoderma</i> , <b>2012</b> , 173-174, 311-321	6.7	36
120	Degradation and ecotoxicity of the biomedical drug artemisinin in soil. <i>Environmental Toxicology and Chemistry</i> , <b>2009</b> , 28, 701-10	3.8	36
119	Distribution of the carcinogenic terpene ptaquiloside in bracken fronds, rhizomes (Pteridium aquilinum), and litter in Denmark. <i>Journal of Chemical Ecology</i> , <b>2003</b> , 29, 771-8	2.7	36

118	Multi-elemental speciation analysis of barley genotypes differing in tolerance to cadmium toxicity using SEC-ICP-MS and ESI-TOF-MS. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2006</b> , 21, 996	3.7	34
117	Transformation of the herbicide 2,6-dichlorobenzonitrile to the persistent metabolite 2,6-dichlorobenzamide (BAM) by soil bacteria known to harbour nitrile hydratase or nitrilase. <i>Biodegradation</i> , <b>2006</b> , 17, 503-10	4.1	34
116	Efficient dechlorination of carbon tetrachloride by hydrophobic green rust intercalated with dodecanoate anions. <i>Environmental Science &amp; Technology</i> , <b>2012</b> , 46, 3390-7	10.3	33
115	A comparative study of phosphate sorption in lowland soils under oxic and anoxic conditions. <i>Journal of Environmental Quality</i> , <b>2010</b> , 39, 734-43	3.4	33
114	Properties of Water-Dispersible Colloids from Macropore Deposits and Bulk Horizons of an Agrudalf. <i>Soil Science Society of America Journal</i> , <b>2004</b> , 68, 1844-1852	2.5	33
113	Distribution and fractionation of heavy metals in pairs of arable and afforested soils in Denmark. <i>European Journal of Soil Science</i> , <b>2002</b> , 53, 491-502	3.4	33
112	Biomedicine in the environment: cyclotides constitute potent natural toxins in plants and soil bacteria. <i>Environmental Toxicology and Chemistry</i> , <b>2011</b> , 30, 1190-6	3.8	32
111	Dissipation of acephate, chlorpyrifos, cypermethrin and their metabolites in a humid-tropical vegetable production system. <i>Pest Management Science</i> , <b>2009</b> , 65, 189-96	4.6	32
110	Challenges in modelling dissolved organic matter dynamics in agricultural soil using DAISY. <i>Soil Biology and Biochemistry</i> , <b>2008</b> , 40, 1506-1518	7.5	32
109	Composition, Flavor, Chemical Foodsafety, and Consumer Preferences of Bottled Water. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2013</b> , 12, 333-352	16.4	31
108	Quantification of ptaquiloside and pterosin B in soil and groundwater using liquid chromatography-tandem mass spectrometry (LC-MS/MS). <i>Journal of Agricultural and Food Chemistry</i> , <b>2008</b> , 56, 9848-54	5.7	31
107	Degradation of zearalenone and ochratoxin A in three Danish agricultural soils. <i>Chemosphere</i> , <b>2006</b> , 62, 1673-80	8.4	31
106	Kinetics of ptaquiloside hydrolysis in aqueous solution. <i>Environmental Toxicology and Chemistry</i> , <b>2006</b> , 25, 2623-9	3.8	30
105	Water level fluctuations may decrease phosphate adsorption capacity of the sediment in oligotrophic high mountain lakes. <i>Hydrobiologia</i> , <b>2010</b> , 651, 253-264	2.4	29
104	Microbial degradation pathways of the herbicide dichlobenil in soils with different history of dichlobenil-exposure. <i>Environmental Pollution</i> , <b>2007</b> , 148, 343-51	9.3	29
103	Determination of zearalenone and ochratoxin A in soil. <i>Analytical and Bioanalytical Chemistry</i> , <b>2003</b> , 376, 98-101	4.4	29
102	Dissolution kinetics of pyroaurite-type layered double hydroxide doped with Zn: Perspectives for pH controlled micronutrient release. <i>Applied Clay Science</i> , <b>2016</b> , 123, 56-63	5.2	29
101	Fast Dechlorination of Chlorinated Ethylenes by Green Rust in the Presence of Bone Char. <i>Environmental Science and Technology Letters</i> , <b>2019</b> , 6, 191-196	11	29

100	Glycine buffered synthesis of layered iron(II)-iron(III) hydroxides (green rusts). <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 497, 429-438	9.3	28
99	The naturally occurring carcinogen ptaquiloside is present in groundwater below bracken vegetation. <i>Environmental Toxicology and Chemistry</i> , <b>2014</b> , 33, 1030-4	3.8	28
98	Intercalation of linear C <sub>9</sub> -C <sub>16</sub> carboxylates in layered Fe(II)/Fe(III)-hydroxides (green rust) via ion exchange. <i>Applied Clay Science</i> , <b>2010</b> , 48, 334-341	5.2	28
97	Metabolic effects in rapeseed ( <i>Brassica napus</i> L.) seedlings after root exposure to glyphosate. <i>Pesticide Biochemistry and Physiology</i> , <b>2007</b> , 89, 220-229	4.9	27
96	Phosphate and Tritium Transport through Undisturbed Subsoil as Affected by Ionic Strength. <i>Journal of Environmental Quality</i> , <b>1998</b> , 27, 139-145	3.4	27
95	Degradation and mineralization kinetics of acephate in humid tropic soils of Malaysia. <i>Chemosphere</i> , <b>2010</b> , 79, 434-40	8.4	26
94	Content, Distribution, and Solubility of Cadmium in Arable and Forest Soils. <i>Soil Science Society of America Journal</i> , <b>2002</b> , 66, 1829	2.5	26
93	Soil Sorption of Nickel in presence of Citrate or Arginine. <i>Water, Air, and Soil Pollution</i> , <b>2000</b> , 120, 249-259	6	26
92	Dissolved and particulate phosphorus in leachate from structured soil amended with fresh cattle faeces. <i>Nutrient Cycling in Agroecosystems</i> , <b>2000</b> , 56, 253-261	3.3	26
91	Pteridium aquilinum and its ptaquiloside toxin induce DNA damage response in gastric epithelial cells, a link with gastric carcinogenesis. <i>Toxicological Sciences</i> , <b>2012</b> , 126, 60-71	4.4	25
90	Formation and degradation kinetics of the biofumigant benzyl isothiocyanate in soil. <i>Environmental Science &amp; Technology</i> , <b>2007</b> , 41, 4271-6	10.3	25
89	Degradation and sorption of 2-propenyl and benzyl isothiocyanate in soil. <i>Environmental Toxicology and Chemistry</i> , <b>2009</b> , 28, 1178-84	3.8	24
88	Metals in surface specific urban runoff in Beijing. <i>Environmental Pollution</i> , <b>2019</b> , 248, 584-598	9.3	23
87	Layered Double Hydroxides: Potential Release-on-Demand Fertilizers for Plant Zinc Nutrition. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 8779-8789	5.7	23
86	The effect of pH and storage on copper speciation and bacterial growth in complex growth media. <i>Journal of Microbiological Methods</i> , <b>2009</b> , 78, 20-4	2.8	22
85	The pH-dependent adsorption of tributyltin to charcoals and soot. <i>Environmental Pollution</i> , <b>2010</b> , 158, 3642-9	9.3	22
84	Single sheet iron oxide: An efficient heterogeneous electro-Fenton catalyst at neutral pH. <i>Journal of Hazardous Materials</i> , <b>2019</b> , 364, 39-47	12.8	22
83	A Silicate/Glycine Switch To Control the Reactivity of Layered Iron(II)-Iron(III) Hydroxides for Dechlorination of Carbon Tetrachloride. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 7876-7883	10.3	21

82	Determination of ptaquiloside and pteroin B derived from bracken ( <i>Pteridium aquilinum</i> ) in cattle plasma, urine and milk. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2014</b> , 951-952, 44-51	3.2	21
81	Degradation kinetics of ptaquiloside in soil and soil solution. <i>Environmental Toxicology and Chemistry</i> , <b>2008</b> , 27, 252-9	3.8	21
80	Phosphorus saturation and mobilization in two typical Chinese greenhouse vegetable soils. <i>Chemosphere</i> , <b>2017</b> , 172, 316-324	8.4	20
79	Bone Char Mediated Dechlorination of Trichloroethylene by Green Rust. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 3643-3652	10.3	20
78	One-pot synthesis and characterization of Fe(II)/Fe(III) hydroxide (green rust) intercalated with C <sub>9</sub> -C <sub>14</sub> linear alkyl carboxylates. <i>Applied Clay Science</i> , <b>2010</b> , 50, 512-519	5.2	20
77	Leaching of cyanogenic glucosides and cyanide from white clover green manure. <i>Chemosphere</i> , <b>2008</b> , 72, 897-904	8.4	20
76	Electrochemical reduction of nitroaromatic compounds by single sheet iron oxide coated electrodes. <i>Journal of Hazardous Materials</i> , <b>2016</b> , 306, 175-183	12.8	19
75	Oxidation of Dodecanoate Intercalated Iron(II)/Iron(III) Layered Double Hydroxide to Form 2D Iron(III) (Hydr)oxide Layers. <i>European Journal of Inorganic Chemistry</i> , <b>2013</b> , 2013, 5718-5727	2.3	19
74	Toxicity and uptake of TRI- and dibutyltin in <i>Daphnia magna</i> in the absence and presence of nano-charcoal. <i>Environmental Toxicology and Chemistry</i> , <b>2011</b> , 30, 2553-61	3.8	19
73	Experimental Assessment of Using Soluble Humic Substances for Remediation of Heavy Metal Polluted Soils. <i>Soil and Sediment Contamination</i> , <b>2009</b> , 18, 369-382	3.2	19
72	What is the aquatic toxicity of saponin-rich plant extracts used as biopesticides?. <i>Environmental Pollution</i> , <b>2018</b> , 236, 416-424	9.3	18
71	Hierarchical MoS <sub>2</sub> nanosheets on flexible carbon felt as an efficient flow-through electrode for dechlorination. <i>Environmental Science: Nano</i> , <b>2017</b> , 4, 2286-2296	7.1	18
70	Empirical modelling of the kinetics of phosphate sorption to macropore materials in aggregated subsoils. <i>European Journal of Soil Science</i> , <b>1999</b> , 50, 317-327	3.4	18
69	DGT technique to assess P mobilization from greenhouse vegetable soils in China: A novel approach. <i>Science of the Total Environment</i> , <b>2018</b> , 630, 331-339	10.2	17
68	A one-step delamination procedure to form single sheet iron(III)-(oxy)hydroxides. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 13664	13	17
67	Ptaquiloside in Irish Bracken Ferns and Receiving Waters, with Implications for Land Managers. <i>Molecules</i> , <b>2016</b> , 21,	4.8	17
66	Graphene oxide-mediated rapid dechlorination of carbon tetrachloride by green rust. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 323, 690-697	12.8	16
65	Land management of bracken needs to account for bracken carcinogens--a case study from Britain. <i>Journal of Environmental Management</i> , <b>2015</b> , 151, 258-66	7.9	16

64	The toxic effects of benzyl glucosinolate and its hydrolysis product, the biofumigant benzyl isothiocyanate, to <i>Folsomia fimetaria</i> . <i>Environmental Toxicology and Chemistry</i> , <b>2010</b> , 29, 359-364	3.8	16
63	Phosphate Leaching Responses from Unperturbed, Anaerobic, or Cattle Manured Mesotrophic Sandy Loam Soils. <i>Journal of Environmental Quality</i> , <b>1999</b> , 28, 1796-1803	3.4	16
62	Where does the toxicity come from in saponin extract?. <i>Chemosphere</i> , <b>2018</b> , 204, 243-250	8.4	15
61	Mineralization of benzyl glucosinolate and its hydrolysis product the biofumigant benzyl isothiocyanate in soil. <i>Soil Biology and Biochemistry</i> , <b>2008</b> , 40, 135-141	7.5	15
60	Phosphate Leaching from Intact Soil Column in Response to Reducing Conditions. <i>Water, Air, and Soil Pollution</i> , <b>1999</b> , 113, 411-424	2.6	15
59	UPLC-MS/MS determination of ptaquiloside and pterosin B in preserved natural water. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 7981-7990	4.4	14
58	Rate of hydrolysis and degradation of the cyanogenic glycoside - dhurrin - in soil. <i>Chemosphere</i> , <b>2007</b> , 67, 259-66	8.4	14
57	Extraction and determination of glucosinolates from soil. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 9663-7	5.7	14
56	Synthesis and characterization of laurate-intercalated Mg <sub>2</sub> Al layered double hydroxide prepared by coprecipitation. <i>Applied Clay Science</i> , <b>2012</b> , 65-66, 143-151	5.2	13
55	The use of environmental metabolomics to determine glyphosate level of exposure in rapeseed ( <i>Brassica napus</i> L.) seedlings. <i>Environmental Pollution</i> , <b>2011</b> , 159, 3071-7	9.3	13
54	Fate of toxic potato glycoalkaloids in a potato field. <i>Journal of Agricultural and Food Chemistry</i> , <b>2009</b> , 57, 2862-7	5.7	13
53	Amino Acid-Assisted Dehalogenation of Carbon Tetrachloride by Green Rust: Inhibition of Chloroform Production. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 3445-3452	10.3	12
52	Adsorption of arsenic(V) onto single sheet iron oxide: X-ray absorption fine structure and surface complexation. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 554, 433-443	9.3	12
51	Degradation of l-poly lactide during melt processing with layered double hydroxides. <i>Polymer Degradation and Stability</i> , <b>2012</b> , 97, 2002-2009	4.7	12
50	Phosphate Sorption to Macropore Wall Materials and Bulk Soil. <i>Water, Air, and Soil Pollution</i> , <b>2002</b> , 137, 141-148	2.6	12
49	Redoximorphic Macropore Environments in an Agrudalf <b>2001</b> , 32, 333-352		12
48	Fast LC-MS quantification of ptesculentoside, caudatoside, ptaquiloside and corresponding pterosins in bracken ferns. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2020</b> , 1138, 121966	3.2	11
47	A liquid chromatography-electrospray ionization-mass spectrometry method for quantification of cyclotides in plants avoiding sorption during sample preparation. <i>Journal of Chromatography A</i> , <b>2011</b> , 1218, 7964-70	4.5	11



46	The standard Gibbs energy of formation of Fe(II)Fe(III) hydroxide sulfate green rust. <i>Clays and Clay Minerals</i> , <b>2008</b> , 56, 633-644	2.1	11
45	Biostimulation and enrichment of 2,6-dichlorobenzamide-mineralising soil bacterial communities from dichlobenil-exposed soil. <i>Soil Biology and Biochemistry</i> , <b>2007</b> , 39, 216-223	7.5	11
44	Extraction and determination of the potato glycoalkaloid $\beta$ -solanine in soil. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2007</b> , 87, 813-824	1.8	11
43	Genotoxic activity and inhibition of soil respiration by ptaquiloside, a bracken fern carcinogen. <i>Environmental Toxicology and Chemistry</i> , <b>2005</b> , 24, 2751-6	3.8	11
42	Rapid method for EDXRF analysis of clayey and sandy soil. <i>X-Ray Spectrometry</i> , <b>2001</b> , 30, 186-189	0.9	11
41	Time and Moisture Effects on Total and Bioavailable Copper in Soil Water Extracts <b>2004</b> , 33, 505		11
40	Copper-mediated reductive dechlorination by green rust intercalated with dodecanoate. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 345, 18-26	12.8	11
39	Determination of chlorpyrifos and acephate in tropical soils and application in dissipation studies. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2008</b> , 88, 549-560	1.8	10
38	Potato glycoalkaloids in soil-optimising liquid chromatography-time-of-flight mass spectrometry for quantitative studies. <i>Journal of Chromatography A</i> , <b>2008</b> , 1182, 65-71	4.5	10
37	Phosphate sorption to matrix and fracture wall materials in a Glosaqualf. <i>Geoderma</i> , <b>1999</b> , 90, 243-261	6.7	10
36	Rare earth elements in surface specific urban runoff in Northern Beijing. <i>Science of the Total Environment</i> , <b>2020</b> , 717, 136969	10.2	10
35	Biochar catalyzed dechlorination - Which biochar properties matter?. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 406, 124724	12.8	10
34	Fate of ptaquiloside-A bracken fern toxin-In cattle. <i>PLoS ONE</i> , <b>2019</b> , 14, e0218628	3.7	9
33	Thujone in soil under <i>Thuja plicata</i> . <i>Scandinavian Journal of Forest Research</i> , <b>2005</b> , 20, 7-11	1.7	9
32	Transport of phosphate through artificial macropores during film and pulse flow. <i>Journal of Environmental Quality</i> , <b>2004</b> , 33, 2263-71	3.4	9
31	Adsorption of mono- and di-butyltin by a wheat charcoal: pH effects and modeling. <i>Chemosphere</i> , <b>2012</b> , 89, 863-8	8.4	8
30	Effects of including chicory in perennial ryegrass-white clover leys on production and health in organic lambs. <i>Livestock Science</i> , <b>2009</b> , 125, 66-73	1.7	8
29	High affinity lanthanum doped iron oxide nanosheets for phosphate removal. <i>Chemical Engineering Journal</i> , <b>2021</b> , 422, 130009	14.7	8



28	Degradation of the potato glycoalkaloids--alpha-solanine and alpha-chaconine in groundwater. <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2009</b> , 82, 668-72	2.7	7
27	Degradation of the potato glycoalkaloid alpha-solanine in three agricultural soils. <i>Chemosphere</i> , <b>2009</b> , 76, 1150-5	8.4	7
26	Artemisinin determination and degradation in soil using supercritical fluid extraction and HPLC-UV. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2009</b> , 89, 1-10	1.8	7
25	Dissipation of cyanogenic glucosides and cyanide in soil amended with white clover ( <i>Trifolium repens</i> L.). <i>Soil Biology and Biochemistry</i> , <b>2010</b> , 42, 1108-1113	7.5	7
24	A note on the description of the kinetics of phosphate sorption. <i>European Journal of Soil Science</i> , <b>2000</b> , 51, 531-535	3.4	7
23	A Novel Method for Determination of the Natural Toxin Ptaquiloside in Ground and Drinking Water. <i>Water (Switzerland)</i> , <b>2020</b> , 12, 2852	3	6
22	Single sheet iron oxide based films: electrochemical properties with in situ UV-vis measurement. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 4029	13	6
21	Biomedicine in the environment: sorption of the cyclotide kalata B2 to montmorillonite, goethite, and humic acid. <i>Environmental Toxicology and Chemistry</i> , <b>2011</b> , 30, 1785-92	3.8	6
20	Mass balance of cadmium in two contrasting oak forest ecosystems. <i>Journal of Environmental Quality</i> , <b>2009</b> , 38, 93-102	3.4	6
19	Phosphate mobilization and immobilization in two soils incubated under simulated reducing conditions. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , <b>1998</b> , 48, 11-17	1.1	6
18	Oxalate distribution in soils under rhubarb ( <i>Rheum rhaponticum</i> ). <i>International Journal of Environmental Analytical Chemistry</i> , <b>2004</b> , 84, 909-917	1.8	5
17	Structure of single sheet iron oxides produced from surfactant interlayered green rusts. <i>Applied Clay Science</i> , <b>2019</b> , 170, 86-96	5.2	4
16	HPLC method with on-line SPE preconcentration for quantification of permethric acid sorption to goethite. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2004</b> , 84, 303-314	1.8	4
15	Beta-thujaplicin: new quantitative CZE method and adsorption to goethite. <i>Journal of Agricultural and Food Chemistry</i> , <b>2004</b> , 52, 1452-7	5.7	4
14	Iron(IV) in layered Cobalt-Iron Oxide Formed by Electrochemical Oxidation. <i>Inorganic Chemistry</i> , <b>1994</b> , 33, 5363-5365	5.1	4
13	Stability of saponin biopesticides: hydrolysis in aqueous solutions and lake waters. <i>Environmental Sciences: Processes and Impacts</i> , <b>2019</b> , 21, 1204-1214	4.3	3
12	Phosphorus in macropore walls of a Danish Glossudalf. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , <b>1997</b> , 47, 193-200	1.1	3
11	Occurrence of carcinogenic illudane glycosides in drinking water wells. <i>Environmental Sciences Europe</i> , <b>2021</b> , 33,	5	3

10	Does the natural carcinogen ptaquiloside degrade readily in groundwater?. <i>Environmental Sciences Europe</i> , <b>2021</b> , 33,	5	3
9	Mineral changes in a danish alfisol caused by 30 years of potassium depletion in the field. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , <b>1997</b> , 47, 1-6	1.1	2
8	Integrated assessment of the impact of land use types on soil pollution by potentially toxic elements and the associated ecological and human health risk.. <i>Environmental Pollution</i> , <b>2022</b> , 299, 118917	9.3	2
7	Bracken growth, toxin production and transfer from plant to soil: a 2-year monitoring study. <i>Environmental Sciences Europe</i> , <b>2021</b> , 33,	5	2
6	Effects of sulfur application on cadmium accumulation in brown rice under wheat-rice rotation. <i>Environmental Pollution</i> , <b>2021</b> , 287, 117601	9.3	2
5	Element doping of biochars enhances catalysis of trichloroethylene dechlorination. <i>Chemical Engineering Journal</i> , <b>2022</b> , 428, 132496	14.7	2
4	Removal of phytotoxins in filter sand used for drinking water treatment. <i>Water Research</i> , <b>2021</b> , 205, 117610	12.5	1
3	Tuning the stability and phosphate sorption of novel MnII/IVFeII/III layered double hydroxides. <i>Chemical Engineering Journal</i> , <b>2022</b> , 429, 132177	14.7	1
2	Indole and quinolizidine alkaloids from blue lupin leach to agricultural drainage water.. <i>Science of the Total Environment</i> , <b>2022</b> , 155283	10.2	1
1	Fine-tuning green rust/bone char composite synthesis for efficient chlorinated ethylene remediation. <i>Chemical Engineering Journal</i> , <b>2022</b> , 446, 136770	14.7	0