

Hans Christian B Hansen

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6519285/hans-christian-b-hansen-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153
papers

4,657
citations

35
h-index

59
g-index

160
ext. papers

5,191
ext. citations

5.9
avg, IF

5.59
L-index

#	Paper	IF	Citations
153	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> , 2022 , 299, 118917	14.7	2
152	Tuning the stability and phosphate sorption of novel MnII/IVFeII/III layered double hydroxides. <i>Chemical Engineering Journal</i> , 2022 , 429, 132177	14.7	1
151	Element doping of biochars enhances catalysis of trichloroethylene dechlorination. <i>Chemical Engineering Journal</i> , 2022 , 428, 132496	14.7	2
150	Indole and quinolizidine alkaloids from blue lupin leach to agricultural drainage water.. <i>Science of the Total Environment</i> , 2022 , 155283	10.2	1
149	Fine-tuning green rust/bone char composite synthesis for efficient chlorinated ethylene remediation. <i>Chemical Engineering Journal</i> , 2022 , 446, 136770	14.7	0
148	Occurrence of carcinogenic illudane glycosides in drinking water wells. <i>Environmental Sciences Europe</i> , 2021 , 33,	5	3
147	Bracken growth, toxin production and transfer from plant to soil: a 2-year monitoring study. <i>Environmental Sciences Europe</i> , 2021 , 33,	5	2
146	Biochar catalyzed dechlorination - Which biochar properties matter?. <i>Journal of Hazardous Materials</i> , 2021 , 406, 124724	12.8	10
145	Does the natural carcinogen ptaquiloside degrade readily in groundwater?. <i>Environmental Sciences Europe</i> , 2021 , 33,	5	3
144	Removal of phytotoxins in filter sand used for drinking water treatment. <i>Water Research</i> , 2021 , 205, 117610	12.5	1
143	High affinity lanthanum doped iron oxide nanosheets for phosphate removal. <i>Chemical Engineering Journal</i> , 2021 , 422, 130009	14.7	8
142	Effects of sulfur application on cadmium accumulation in brown rice under wheat-rice rotation. <i>Environmental Pollution</i> , 2021 , 287, 117601	9.3	2
141	A Novel Method for Determination of the Natural Toxin Ptaquiloside in Ground and Drinking Water. <i>Water (Switzerland)</i> , 2020 , 12, 2852	3	6
140	Bone Char Mediated Dechlorination of Trichloroethylene by Green Rust. <i>Environmental Science & Technology</i> , 2020 , 54, 3643-3652	10.3	20
139	Fast LC-MS quantification of ptaquiloside, caudatoside, ptaquiloside and corresponding pterosins in bracken ferns. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020 , 1138, 121966	3.2	11
138	Rare earth elements in surface specific urban runoff in Northern Beijing. <i>Science of the Total Environment</i> , 2020 , 717, 136969	10.2	10
137	Structure of single sheet iron oxides produced from surfactant interlayered green rusts. <i>Applied Clay Science</i> , 2019 , 170, 86-96	5.2	4

136	Fate of ptaquiloside-A bracken fern toxin-In cattle. <i>PLoS ONE</i> , 2019 , 14, e0218628	3.7	9
135	Metals in surface specific urban runoff in Beijing. <i>Environmental Pollution</i> , 2019 , 248, 584-598	9.3	23
134	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> , 2019 , 554, 433-443	9.3	12
133	Stability of saponin biopesticides: hydrolysis in aqueous solutions and lake waters. <i>Environmental Sciences: Processes and Impacts</i> , 2019 , 21, 1204-1214	4.3	3
132	Fast Dechlorination of Chlorinated Ethylenes by Green Rust in the Presence of Bone Char. <i>Environmental Science and Technology Letters</i> , 2019 , 6, 191-196	11	29
131	Single sheet iron oxide: An efficient heterogeneous electro-Fenton catalyst at neutral pH. <i>Journal of Hazardous Materials</i> , 2019 , 364, 39-47	12.8	22
130	DGT technique to assess P mobilization from greenhouse vegetable soils in China: A novel approach. <i>Science of the Total Environment</i> , 2018 , 630, 331-339	10.2	17
129	Where does the toxicity come from in saponin extract?. <i>Chemosphere</i> , 2018 , 204, 243-250	8.4	15
128	Source identification of heavy metals in peri-urban agricultural soils of southeast China: An integrated approach. <i>Environmental Pollution</i> , 2018 , 237, 650-661	9.3	165
127	What is the aquatic toxicity of saponin-rich plant extracts used as biopesticides?. <i>Environmental Pollution</i> , 2018 , 236, 416-424	9.3	18
126	A Silicate/Glycine Switch To Control the Reactivity of Layered Iron(II)-Iron(III) Hydroxides for Dechlorination of Carbon Tetrachloride. <i>Environmental Science & Technology</i> , 2018 , 52, 7876-7883	10.3	21
125	Copper-mediated reductive dechlorination by green rust intercalated with dodecanoate. <i>Journal of Hazardous Materials</i> , 2018 , 345, 18-26	12.8	11
124	Phosphorus saturation and mobilization in two typical Chinese greenhouse vegetable soils. <i>Chemosphere</i> , 2017 , 172, 316-324	8.4	20
123	Amino Acid-Assisted Dehalogenation of Carbon Tetrachloride by Green Rust: Inhibition of Chloroform Production. <i>Environmental Science & Technology</i> , 2017 , 51, 3445-3452	10.3	12
122	Glycine buffered synthesis of layered iron(II)-iron(III) hydroxides (green rusts). <i>Journal of Colloid and Interface Science</i> , 2017 , 497, 429-438	9.3	28
121	Layered Double Hydroxides: Potential Release-on-Demand Fertilizers for Plant Zinc Nutrition. <i>Journal of Agricultural and Food Chemistry</i> , 2017 , 65, 8779-8789	5.7	23
120	Hierarchical MoS ₂ nanosheets on flexible carbon felt as an efficient flow-through electrode for dechlorination. <i>Environmental Science: Nano</i> , 2017 , 4, 2286-2296	7.1	18
119	Graphene oxide-mediated rapid dechlorination of carbon tetrachloride by green rust. <i>Journal of Hazardous Materials</i> , 2017 , 323, 690-697	12.8	16

118	UPLC-MS/MS determination of ptaquiloside and pterosin B in preserved natural water. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 7981-7990	4.4	14
117	Electrochemical reduction of nitroaromatic compounds by single sheet iron oxide coated electrodes. <i>Journal of Hazardous Materials</i> , 2016 , 306, 175-183	12.8	19
116	Ptaquiloside in Irish Bracken Ferns and Receiving Waters, with Implications for Land Managers. <i>Molecules</i> , 2016 , 21,	4.8	17
115	Dissolution kinetics of pyroaurite-type layered double hydroxide doped with Zn: Perspectives for pH controlled micronutrient release. <i>Applied Clay Science</i> , 2016 , 123, 56-63	5.2	29
114	High-resolution imaging of labile phosphorus and its relationship with iron redox state in lake sediments. <i>Environmental Pollution</i> , 2016 , 219, 466-474	9.3	47
113	Facile upscaled synthesis of layered iron oxide nanosheets and their application in phosphate removal. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 7505-7512	13	55
112	Land management of bracken needs to account for bracken carcinogens--a case study from Britain. <i>Journal of Environmental Management</i> , 2015 , 151, 258-66	7.9	16
111	Single sheet iron oxide based films: electrochemical properties with in situ UV-vis measurement. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 4029	13	6
110	Determination of ptaquiloside and pterosin 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> , 2014 , 951-952, 44-51	3.2	21
109	The naturally occurring carcinogen ptaquiloside is present in groundwater below bracken vegetation. <i>Environmental Toxicology and Chemistry</i> , 2014 , 33, 1030-4	3.8	28
108	Degradation of chlorpyrifos in humid tropical soils. <i>Journal of Environmental Management</i> , 2013 , 125, 28-32	7.9	40
107	A one-step delamination procedure to form single sheet iron(III)-(oxy)hydroxides. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 13664	13	17
106	Composition, Flavor, Chemical Foodsafety, and Consumer Preferences of Bottled Water. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2013 , 12, 333-352	16.4	31
105	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> , 2013 , 2013, 5718-5727	2.3	19
104	Adsorption of mono- and di-butyltin by a wheat charcoal: pH effects and modeling. <i>Chemosphere</i> , 2012 , 89, 863-8	8.4	8
103	Efficient dechlorination of carbon tetrachloride by hydrophobic green rust intercalated with dodecanoate anions. <i>Environmental Science & Technology</i> , 2012 , 46, 3390-7	10.3	33
102	Synthesis and characterization of laurate-intercalated MgAl layered double hydroxide prepared by coprecipitation. <i>Applied Clay Science</i> , 2012 , 65-66, 143-151	5.2	13
101	Low phosphorus release but high nitrogen removal in two restored riparian wetlands inundated with agricultural drainage water. <i>Ecological Engineering</i> , 2012 , 46, 75-87	3.9	38

100	Phosphorus mobilization in rewetted peat and sand at variable flow rate and redox regimes. <i>Geoderma</i> , 2012 , 173-174, 311-321	6.7	36
99	Degradation of l-poly lactide during melt processing with layered double hydroxides. <i>Polymer Degradation and Stability</i> , 2012 , 97, 2002-2009	4.7	12
98	Pteridium aquilinum and its ptaquiloside toxin induce DNA damage response in gastric epithelial cells, a link with gastric carcinogenesis. <i>Toxicological Sciences</i> , 2012 , 126, 60-71	4.4	25
97	Vivianite precipitation and phosphate sorption following iron reduction in anoxic soils. <i>Journal of Environmental Quality</i> , 2012 , 41, 938-49	3.4	49
96	The use of environmental metabolomics to determine glyphosate level of exposure in rapeseed (<i>Brassica napus</i> L.) seedlings. <i>Environmental Pollution</i> , 2011 , 159, 3071-7	9.3	13
95	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> , 2011 , 1218, 7964-70	4.5	11
94	Biomedicine in the environment: cyclotides constitute potent natural toxins in plants and soil bacteria. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 1190-6	3.8	32
93	Biomedicine in the environment: sorption of the cyclotide kalata B2 to montmorillonite, goethite, and humic acid. <i>Environmental Toxicology and Chemistry</i> , 2011 , 30, 1785-92	3.8	6
92	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> , 2011 , 30, 2553-61	3.8	19
91	Melt processing of poly(L-lactic acid) in the presence of organomodified anionic or cationic clays. <i>Journal of Applied Polymer Science</i> , 2011 , 122, 112-125	2.9	61
90	A comparative study of phosphate sorption in lowland soils under oxic and anoxic conditions. <i>Journal of Environmental Quality</i> , 2010 , 39, 734-43	3.4	33
89	Intercalation of linear C ₉ -C ₁₆ carboxylates in layered Fe(III)-hydroxides (green rust) via ion exchange. <i>Applied Clay Science</i> , 2010 , 48, 334-341	5.2	28
88	One-pot synthesis and characterization of Fe(III) hydroxide (green rust) intercalated with C ₉ -C ₁₄ linear alkyl carboxylates. <i>Applied Clay Science</i> , 2010 , 50, 512-519	5.2	20
87	Degradation and mineralization kinetics of acephate in humid tropic soils of Malaysia. <i>Chemosphere</i> , 2010 , 79, 434-40	8.4	26
86	Water level fluctuations may decrease phosphate adsorption capacity of the sediment in oligotrophic high mountain lakes. <i>Hydrobiologia</i> , 2010 , 651, 253-264	2.4	29
85	Dissipation of cyanogenic glucosides and cyanide in soil amended with white clover (<i>Trifolium repens</i> L.). <i>Soil Biology and Biochemistry</i> , 2010 , 42, 1108-1113	7.5	7
84	The pH-dependent adsorption of tributyltin to charcoals and soot. <i>Environmental Pollution</i> , 2010 , 158, 3642-9	9.3	22
83	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> , 2010 , 29, 359-364	3.8	16

82	Poly l-lactide-layered double hydroxide nanocomposites via in situ polymerization of l-lactide. <i>Polymer Degradation and Stability</i> , 2010 , 95, 2563-2573	4.7	74
81	Phosphorus retention in riparian buffers: review of their efficiency. <i>Journal of Environmental Quality</i> , 2009 , 38, 1942-55	3.4	230
80	Degradation of the potato glycoalkaloids--alpha-solanine and alpha-chaconine in groundwater. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2009 , 82, 668-72	2.7	7
79	Dissipation of acephate, chlorpyrifos, cypermethrin and their metabolites in a humid-tropical vegetable production system. <i>Pest Management Science</i> , 2009 , 65, 189-96	4.6	32
78	Degradation and ecotoxicity of the biomedical drug artemisinin in soil. <i>Environmental Toxicology and Chemistry</i> , 2009 , 28, 701-10	3.8	36
77	Degradation and sorption of 2-propenyl and benzyl isothiocyanate in soil. <i>Environmental Toxicology and Chemistry</i> , 2009 , 28, 1178-84	3.8	24
76	Fate of toxic potato glycoalkaloids in a potato field. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 2862-7	5.7	13
75	Degradation of the potato glycoalkaloid alpha-solanine in three agricultural soils. <i>Chemosphere</i> , 2009 , 76, 1150-5	8.4	7
74	Effects of including chicory in perennial ryegrass/white clover leys on production and health in organic lambs. <i>Livestock Science</i> , 2009 , 125, 66-73	1.7	8
73	The effect of pH and storage on copper speciation and bacterial growth in complex growth media. <i>Journal of Microbiological Methods</i> , 2009 , 78, 20-4	2.8	22
72	Experimental Assessment of Using Soluble Humic Substances for Remediation of Heavy Metal Polluted Soils. <i>Soil and Sediment Contamination</i> , 2009 , 18, 369-382	3.2	19
71	Artemisinin determination and degradation in soil using supercritical fluid extraction and HPLC-UV. <i>International Journal of Environmental Analytical Chemistry</i> , 2009 , 89, 1-10	1.8	7
70	Mass balance of cadmium in two contrasting oak forest ecosystems. <i>Journal of Environmental Quality</i> , 2009 , 38, 93-102	3.4	6
69	Mineralization of benzyl glucosinolate and its hydrolysis product the biofumigant benzyl isothiocyanate in soil. <i>Soil Biology and Biochemistry</i> , 2008 , 40, 135-141	7.5	15
68	Challenges in modelling dissolved organic matter dynamics in agricultural soil using DAISY. <i>Soil Biology and Biochemistry</i> , 2008 , 40, 1506-1518	7.5	32
67	The standard Gibbs energy of formation of Fe(II)Fe(III) hydroxide sulfate green rust. <i>Clays and Clay Minerals</i> , 2008 , 56, 633-644	2.1	11
66	Leaching of cyanogenic glucosides and cyanide from white clover green manure. <i>Chemosphere</i> , 2008 , 72, 897-904	8.4	20
65	Determination of chlorpyrifos and acephate in tropical soils and application in dissipation studies. <i>International Journal of Environmental Analytical Chemistry</i> , 2008 , 88, 549-560	1.8	10

64	Quantification of ptaquiloside and pteroin B in soil and groundwater using liquid chromatography-tandem mass spectrometry (LC-MS/MS). <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 9848-54	5.7	31
63	Potato glycoalkaloids in soil-optimising liquid chromatography-time-of-flight mass spectrometry for quantitative studies. <i>Journal of Chromatography A</i> , 2008 , 1182, 65-71	4.5	10
62	Degradation kinetics of ptaquiloside in soil and soil solution. <i>Environmental Toxicology and Chemistry</i> , 2008 , 27, 252-9	3.8	21
61	Formation and degradation kinetics of the biofumigant benzyl isothiocyanate in soil. <i>Environmental Science & Technology</i> , 2007 , 41, 4271-6	10.3	25
60	Sorption of zinc and lead on coir. <i>Bioresource Technology</i> , 2007 , 98, 89-97	11	162
59	Metabolic effects in rapeseed (<i>Brassica napus</i> L.) seedlings after root exposure to glyphosate. <i>Pesticide Biochemistry and Physiology</i> , 2007 , 89, 220-229	4.9	27
58	Biostimulation and enrichment of 2,6-dichlorobenzamide-mineralising soil bacterial communities from dichlobenil-exposed soil. <i>Soil Biology and Biochemistry</i> , 2007 , 39, 216-223	7.5	11
57	Extraction and determination of the potato glycoalkaloid α -solanine in soil. <i>International Journal of Environmental Analytical Chemistry</i> , 2007 , 87, 813-824	1.8	11
56	Oxidative decomposition of atrazine by a Fenton-like reaction in a H ₂ O ₂ /ferrihydrite system. <i>Water Research</i> , 2007 , 41, 55-62	12.5	102
55	Microbial degradation pathways of the herbicide dichlobenil in soils with different history of dichlobenil-exposure. <i>Environmental Pollution</i> , 2007 , 148, 343-51	9.3	29
54	Rate of hydrolysis and degradation of the cyanogenic glycoside - dhurrin - in soil. <i>Chemosphere</i> , 2007 , 67, 259-66	8.4	14
53	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> , 2006 , 72, 5784-9	4.8	90
52	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> , 2006 , 72, 1476-86	4.8	75
51	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> , 2006 , 21, 996	3.7	34
50	Degradation of zearalenone and ochratoxin A in three Danish agricultural soils. <i>Chemosphere</i> , 2006 , 62, 1673-80	8.4	31
49	Degradation kinetics of glucosinolates in soil. <i>Environmental Toxicology and Chemistry</i> , 2006 , 25, 2038-44	3.8	41
48	Kinetics of ptaquiloside hydrolysis in aqueous solution. <i>Environmental Toxicology and Chemistry</i> , 2006 , 25, 2623-9	3.8	30
47	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> , 2006 , 17, 503-10	4.1	34

46	Thujone in soil under Thuja plicata. <i>Scandinavian Journal of Forest Research</i> , 2005 , 20, 7-11	1.7	9
45	Sorption, degradation and mobility of ptaquiloside, a carcinogenic Bracken (Pteridium sp.) constituent, in the soil environment. <i>Chemosphere</i> , 2005 , 58, 823-35	8.4	51
44	Extraction and determination of glucosinolates from soil. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 9663-7	5.7	14
43	Genotoxic activity and inhibition of soil respiration by ptaquiloside, a bracken fern carcinogen. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 2751-6	3.8	11
42	Dissolved organic carbon and decreasing pH mobilize cadmium and copper in soil. <i>European Journal of Soil Science</i> , 2005 , 56, 189-196	3.4	68
41	Biotransformation of 2-benzoxazolinone to 2-amino-(3H)-phenoxazin-3-one and 2-acetyl-amino-(3H)-phenoxazin-3-one in soil. <i>Journal of Chemical Ecology</i> , 2005 , 31, 1205-22	2.7	48
40	Transport of phosphate through artificial macropores during film and pulse flow. <i>Journal of Environmental Quality</i> , 2004 , 33, 2263-71	3.4	9
39	Properties of Water-Dispersible Colloids from Macropore Deposits and Bulk Horizons of an Agrudalf. <i>Soil Science Society of America Journal</i> , 2004 , 68, 1844-1852	2.5	33
38	HPLC method with on-line SPE preconcentration for quantification of permethric acid sorption to goethite. <i>International Journal of Environmental Analytical Chemistry</i> , 2004 , 84, 303-314	1.8	4
37	Oxalate distribution in soils under rhubarb (<i>Rheum raphaniticum</i>). <i>International Journal of Environmental Analytical Chemistry</i> , 2004 , 84, 909-917	1.8	5
36	Beta-thujaplicin: new quantitative CZE method and adsorption to goethite. <i>Journal of Agricultural and Food Chemistry</i> , 2004 , 52, 1452-7	5.7	4
35	Time and Moisture Effects on Total and Bioavailable Copper in Soil Water Extracts 2004 , 33, 505		11
34	Distribution of the carcinogenic terpene ptaquiloside in bracken fronds, rhizomes (<i>Pteridium aquilinum</i>), and litter in Denmark. <i>Journal of Chemical Ecology</i> , 2003 , 29, 771-8	2.7	36
33	Determination of zearalenone and ochratoxin A in soil. <i>Analytical and Bioanalytical Chemistry</i> , 2003 , 376, 98-101	4.4	29
32	Distribution of multiple pesticide residues in apple segments after home processing. <i>Food Additives and Contaminants</i> , 2003 , 20, 1044-63		58
31	Occurrence of the carcinogenic Bracken constituent ptaquiloside in fronds, topsoils and organic soil layers in Denmark. <i>Chemosphere</i> , 2003 , 51, 117-27	8.4	45
30	Distribution and fractionation of heavy metals in pairs of arable and afforested soils in Denmark. <i>European Journal of Soil Science</i> , 2002 , 53, 491-502	3.4	33
29	Phosphate Sorption to Macropore Wall Materials and Bulk Soil. <i>Water, Air, and Soil Pollution</i> , 2002 , 137, 141-148	2.6	12

28	pH-dependent release of cadmium, copper, and lead from natural and sludge-amended soils. <i>Journal of Environmental Quality</i> , 2002 , 31, 1901-9	3.4	109
27	Content, Distribution, and Solubility of Cadmium in Arable and Forest Soils. <i>Soil Science Society of America Journal</i> , 2002 , 66, 1829	2.5	26
26	Rapid method for EDXRF analysis of clayey and sandy soil. <i>X-Ray Spectrometry</i> , 2001 , 30, 186-189	0.9	11
25	Composition and reactivity of DOC in forest floor soil solutions in relation to tree species and soil type. <i>Biogeochemistry</i> , 2001 , 56, 1-26	3.8	78
24	Kinetics of nitrate reduction by green rusts—Effects of interlayer anion and Fe(II):Fe(III) ratio. <i>Applied Clay Science</i> , 2001 , 18, 81-91	5.2	148
23	Cadmium and copper release kinetics in relation to afforestation of cultivated soil. <i>Geochimica Et Cosmochimica Acta</i> , 2001 , 65, 1233-1242	5.5	69
22	Redoximorphic Macropore Environments in an Agrudalf 2001 , 32, 333-352		12
21	A note on the description of the kinetics of phosphate sorption. <i>European Journal of Soil Science</i> , 2000 , 51, 531-535	3.4	7
20	Soil Sorption of Nickel in presence of Citrate or Arginine. <i>Water, Air, and Soil Pollution</i> , 2000 , 120, 249-259	2.6	26
19	Dissolved and particulate phosphorus in leachate from structured soil amended with fresh cattle faeces. <i>Nutrient Cycling in Agroecosystems</i> , 2000 , 56, 253-261	3.3	26
18	Interaction of Synthetic Sulphate Green Rust with Phosphate and the Crystallization of Vivianite. <i>Clays and Clay Minerals</i> , 1999 , 47, 312-318	2.1	56
17	Phosphate Leaching Responses from Unperturbed, Anaerobic, or Cattle Manured Mesotrophic Sandy Loam Soils. <i>Journal of Environmental Quality</i> , 1999 , 28, 1796-1803	3.4	16
16	Empirical modelling of the kinetics of phosphate sorption to macropore materials in aggregated subsoils. <i>European Journal of Soil Science</i> , 1999 , 50, 317-327	3.4	18
15	Phosphate Leaching from Intact Soil Column in Response to Reducing Conditions. <i>Water, Air, and Soil Pollution</i> , 1999 , 113, 411-424	2.6	15
14	Reductive Dechlorination of Carbon Tetrachloride Using Iron(II) Iron(III) Hydroxide Sulfate (Green Rust). <i>Environmental Science & Technology</i> , 1999 , 33, 307-311	10.3	179
13	Phosphate sorption to matrix and fracture wall materials in a Glossoaqualf. <i>Geoderma</i> , 1999 , 90, 243-261	6.7	10
12	Effect of natural organic soil solutes on weathering rates of soil minerals. <i>European Journal of Soil Science</i> , 1998 , 49, 397-406	3.4	87
11	Determination of anions in soil solutions by capillary zone electrophoresis. <i>Analyst, The</i> , 1998 , 123, 721-724	3.4	41

10	Phosphate mobilization and immobilization in two soils incubated under simulated reducing conditions. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 1998 , 48, 11-17	1.1	6
9	Phosphate and Tritium Transport through Undisturbed Subsoil as Affected by Ionic Strength. <i>Journal of Environmental Quality</i> , 1998 , 27, 139-145	3.4	27
8	Biopore Mediated Subsurface Transport of Dissolved Orthophosphate. <i>Journal of Environmental Quality</i> , 1998 , 27, 1130-1137	3.4	41
7	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> , 1997 , 47, 1-6	1.1	2
6	Phosphorus in macropore walls of a Danish Glossudalf. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 1997 , 47, 193-200	1.1	3
5	Synthesis and characterization of pyroaurite. <i>Applied Clay Science</i> , 1995 , 10, 5-19	5.2	73
4	Synthesis and Properties of Hexacyanoferrate Interlayered in Hydrotalcite. I. Hexacyanoferrate(II). <i>Clays and Clay Minerals</i> , 1994 , 42, 170-179	2.1	43
3	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> , 1994 , 113, 46-53	3.3	46
2	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> , 1994 , 58, 2599-2608	5.5	200
1	Iron(IV) in layered Cobalt-Iron Oxide Formed by Electrochemical Oxidation. <i>Inorganic Chemistry</i> , 1994 , 33, 5363-5365	5.1	4