Lisbeth M Ottosen

List of Publications by Year
in descending order

187 papers	5,617 citations	87888 38 h-index	128289 60 g-index
191 all docs	191 docs citations	191 times ranked	3470 citing authors

#	Article	IF	Citations
1	Possible applications for municipal solid waste fly ash. Journal of Hazardous Materials, 2003, 96, 201-216.	12.4	387
2	Electrodialytic Remediation of Soil Polluted with Copper from Wood Preservation Industryâ€. Environmental Science & Technology, 1997, 31, 1711-1715.	10.0	151
3	Extracting phosphorous from incinerated sewage sludge ash rich in iron or aluminum. Chemosphere, 2013, 91, 963-969.	8.2	131
4	Phosphorus recovery from sewage sludge ash through an electrodialytic process. Waste Management, 2014, 34, 886-892.	7.4	125
5	Electrodialytic Removal of Cu, Cr, and As from Chromated Copper Arsenate-Treated Timber Waste. Environmental Science & Technology, 2000, 34, 784-788.	10.0	114
6	Title is missing!. Journal of Applied Electrochemistry, 2000, 30, 1199-1207.	2.9	103
7	Electrodialytic remediation of soils polluted with Cu, Cr, Hg, Pb and Zn. , 1997, 70, 67-73.		97
8	Selenium removal from petroleum refinery wastewater using an electrocoagulation technique. Journal of Hazardous Materials, 2019, 364, 78-81.	12.4	95
9	Electrodialytic removal of cadmium from wastewater sludge. Journal of Hazardous Materials, 2004, 106, 127-132.	12.4	86
10	Speciation and mobility of cadmium in straw and wood combustion fly ash. Chemosphere, 2001, 45, 123-128.	8.2	80
11	Electrodialytic removal of heavy metals from different fly ashes. Journal of Hazardous Materials, 2003, 100, 65-78.	12.4	79
12	Characterization of fly ash from bio and municipal waste. Biomass and Bioenergy, 2008, 32, 277-282.	5.7	78
13	Comparison of two different electrodialytic cells for separation of phosphorus and heavy metals from sewage sludge ash. Chemosphere, 2015, 125, 122-129.	8.2	77
14	Electrodialytic treatment of municipal wastewater and sludge for the removal of heavy metals and recovery of phosphorus. Electrochimica Acta, 2015, 181, 90-99.	5.2	77
15	Removal of Cu, Pb and Zn in an applied electric field in calcareous and non-calcareous soils. Journal of Hazardous Materials, 2001, 85, 291-299.	12.4	72
16	Electrodialytic removal of heavy metals from municipal solid waste incineration fly ash using ammonium citrate as assisting agent. Journal of Hazardous Materials, 2005, 122, 103-109.	12.4	64
17	Investigations of Cu, Pb and Zn partitioning by sequential extraction in harbour sediments after electrodialytic remediation. Chemosphere, 2010, 79, 997-1002.	8.2	64
18	Environmental Electrokinetics for a sustainable subsurface. Chemosphere, 2017, 181, 122-133.	8.2	63

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19	Removal of selected heavy metals from MSW fly ash by the electrodialytic process. Engineering Geology, 2005, 77, 339-347.	6.3	62
20	Electrodialytic Removal of Cu, Zn, Pb, and Cd from Harbor Sediment:Â Influence of Changing Experimental Conditions. Environmental Science & Technology, 2005, 39, 2906-2911.	10.0	61
21	Speciation Of Pb In Industrially Polluted Soils. Water, Air, and Soil Pollution, 2006, 170, 359-382.	2.4	59
22	Electrodialytic remediation of copper mine tailings. Journal of Hazardous Materials, 2005, 117, 179-183.	12.4	57
23	Electrodialytic remediation of polychlorinated biphenyls contaminated soil with iron nanoparticles and two different surfactants. Journal of Colloid and Interface Science, 2014, 433, 189-195.	9.4	55
24	Speciation and leachability of copper in mine tailings from porphyry copper mining: Influence of particle size. Chemosphere, 2005, 60, 1497-1503.	8.2	49
25	Electrodialytic removal of heavy metals and chloride from municipal solid waste incineration fly ash and air pollution control residue in suspension â€“ test of a new two compartment experimental cell. Electrochimica Acta, 2015, 181, 73-81.	5.2	48
26	Modeling of electrokinetic processes by finite element integration of the Nernstâ€“Planckâ€“Poisson system of equations. Separation and Purification Technology, 2011, 79, 183-192.	7.9	47
27	Comparison of different MSWI fly ash treatment processes on the thermal behavior of As, Cr, Pb and Zn in the ash. Waste Management, 2017, 68, 240-251.	7.4	46
28	Screening the possibility for removing cadmium and other heavy metals from wastewater sludge and bio-ashes by an electrodialytic method. Electrochimica Acta, 2007, 52, 3420-3426.	5.2	45
29	Utilization of electromigration in civil and environmental engineeringâ€”Processes, transport rates and matrix changes. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 795-809.	1.7	45
30	Test of experimental set-ups for electrodialytic removal of Cu, Zn, Pb and Cd from different contaminated harbour sediments. Engineering Geology, 2005, 77, 349-357.	6.3	44
31	Phosphorous recovery from sewage sludge ash suspended in water in a two-compartment electrodialytic cell. Waste Management, 2016, 51, 142-148.	7.4	44
32	Quantification of plastic shrinkage cracking in mortars using digital image correlation. Cement and Concrete Research, 2019, 123, 105761.	11.0	43
33	Characterization of coal bio ash from wood pellets and low-alkali coal fly ash and use as partial cement replacement in mortar. Cement and Concrete Composites, 2019, 95, 25-32.	10.7	43
34	Colour, compressive strength and workability of mortars with an iron rich sewage sludge ash. Construction and Building Materials, 2017, 157, 1199-1205.	7.2	42
35	Electrodialytic remediation of soil fines (<63Î¼m) in suspensionâ€”Influence of current strength and L/S. Electrochimica Acta, 2007, 52, 3412-3419.	5.2	41
36	Sewage sludge ash as resource for phosphorous and material for clay brick manufacturing. Construction and Building Materials, 2020, 249, 118684.	7.2	41

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37	Assessing PAH removal from clayey soil by means of electro-osmosis and electrodialysis. Science of the Total Environment, 2012, 435-436, 1-6.	8.0	40
38	Simulation-based analysis of the differences in the removal rate of chlorides, nitrates and sulfates by electrokinetic desalination treatments. Electrochimica Acta, 2013, 89, 436-444.	5.2	40
39	The use of desorbing agents in electrodialytic remediation of harbour sediment. Science of the Total Environment, 2006, 357, 25-37.	8.0	39
40	Ammonium citrate as enhancement for electrodialytic soil remediation and investigation of soil solution during the process. Chemosphere, 2015, 119, 889-895.	8.2	39
41	Acidification of Harbor Sediment and Removal of Heavy Metals Induced by Water Splitting in Electrodialytic Remediation. Separation Science and Technology, 2005, 40, 2245-2264.	2.5	38
42	Electrokinetic remediation of copper mine tailings. Electrochimica Acta, 2007, 52, 3355-3359.	5.2	38
43	Desalination of a brick by application of an electric DC field. Materials and Structures/Materiaux Et Constructions, 2009, 42, 961-971.	3.1	38
44	Influence of fibre characteristics on plastic shrinkage cracking in cement-based materials: A review. Construction and Building Materials, 2020, 230, 116769.	7.2	38
45	Comparison of 2-compartment, 3-compartment and stack designs for electrodialytic removal of heavy metals from harbour sediments. Electrochimica Acta, 2015, 181, 48-57.	5.2	37
46	Multivariate methods for evaluating the efficiency of electrodialytic removal of heavy metals from polluted harbour sediments. Journal of Hazardous Materials, 2015, 283, 712-720.	12.4	37
47	Impact of production parameters on physiochemical characteristics of wood ash for possible utilisation in cement-based materials. Resources, Conservation and Recycling, 2019, 145, 230-240.	10.8	37
48	Characterization of sewage sludge ash and its effect on moisture physics of mortar. Journal of Building Engineering, 2019, 21, 396-403.	3.4	37
49	Electrodialytic Removal of Heavy Metals from Different Solid Waste Products. Separation Science and Technology, 2003, 38, 1269-1289.	2.5	36
50	Case study on the strategy and application of enhancement solutions to improve remediation of soils contaminated with Cu, Pb and Zn by means of electrodialysis. Engineering Geology, 2005, 77, 317-329.	6.3	35
51	Electrokinetics applied in remediation of subsurface soil contaminated with chlorinated ethenes â€“ A review. Chemosphere, 2019, 235, 113-125.	8.2	35
52	Electrochemically enhanced oxidation reactions in sandy soil polluted with mercury. Science of the Total Environment, 2000, 261, 137-147.	8.0	34
53	A comparative study on Cu, Cr and As removal from CCA-treated wood waste by dialytic and electrodialytic processes. Journal of Hazardous Materials, 2002, 94, 147-160.	12.4	34
54	Electrodialytic remediation of harbour sediment in suspensionâ€”Evaluation of effects induced by changes in stirring velocity and current density on heavy metal removal and pH. Journal of Hazardous Materials, 2009, 169, 685-690.	12.4	34

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55	Effects of pulse current on energy consumption and removal of heavy metals during electrodialytic soil remediation. Electrochimica Acta, 2012, 86, 28-35.	5.2	34
56	Modeling of electrokinetic desalination of bricks. Electrochimica Acta, 2012, 86, 213-222.	5.2	34
57	The relative influence of electrokinetic remediation design on the removal of As, Cu, Pb and Sb from shooting range soils. Engineering Geology, 2018, 238, 52-61.	6.3	34
58	Electrodialytic Remediation of an Arsenic and Copper Polluted Soil - Continuous Addition of Ammonia During the Process. Environmental Technology (United Kingdom), 2000, 21, 1421-1428.	2.2	33
59	Electroremediation of PCB contaminated soil combined with iron nanoparticles: Effect of the soil type. Chemosphere, 2015, 131, 157-163.	8.2	33
60	Electrodialytic Remediation of Soil Polluted With Heavy Metals. Chemical Engineering Research and Design, 1999, 77, 218-222.	5.6	32
61	Computing multi-species chemical equilibrium with an algorithm based on the reaction extents. Computers and Chemical Engineering, 2013, 58, 135-143.	3.8	32
62	Electrodialytic Separation of Phosphorus and Heavy Metals from Two Types of Sewage Sludge Ash. Separation Science and Technology, 2014, 49, 1910-1920.	2.5	32
63	Treatment of a suspension of PCB contaminated soil using iron nanoparticles and electric current. Journal of Environmental Management, 2015, 151, 550-555.	7.8	32
64	Comparison of electrodialytic removal of Cu from spiked kaolinite, spiked soil and industrially polluted soil. Journal of Hazardous Materials, 2006, 137, 113-120.	12.4	30
65	Electrodialytic extraction of Cu, Pb and Cl from municipal solid waste incineration fly ash suspended in water. Journal of Chemical Technology and Biotechnology, 2006, 81, 553-559.	3.2	30
66	Test of electrodialytic upgrading of MSWI APC residue in pilot scale: focus on reduced metal and salt leaching. Journal of Applied Electrochemistry, 2010, 40, 1049-1060.	2.9	30
67	Electrokinetic removal of Ca(NO3)2 from bricks to avoid salt-induced decay. Electrochimica Acta, 2007, 52, 3454-3463.	5.2	29
68	Comparison of two- and three-compartment cells for electrodialytic removal of heavy metals from contaminated material suspensions. Journal of Hazardous Materials, 2019, 367, 68-76.	12.4	29
69	Electrodialytic remediation of CCA-treated waste wood in pilot scale. Engineering Geology, 2005, 77, 331-338.	6.3	28
70	Salt-related problems in brick masonry and electrokinetic removal of salts. Journal of Building Appraisal, 2007, 3, 181-194.	0.4	28
71	Relation Between pH and Desorption of Cu, Cr, Zn, and Pb from Industrially Polluted Soils. Water, Air, and Soil Pollution, 2009, 201, 295-304.	2.4	28
72	Electrodialytic remediation of suspended soil â€“ Comparison of two different soil fractions. Journal of Hazardous Materials, 2012, 203-204, 229-235.	12.4	28

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73	Electrodialytic extraction of phosphorus from ash of low-temperature gasification of sewage sludge. Electrochimica Acta, 2015, 181, 100-108.	5.2	28
74	Comparison of phosphorus recovery from incineration and gasification sewage sludge ash. Water Science and Technology, 2017, 75, 1251-1260.	2.5	28
75	Kinetics of electrodialytic extraction of Pb and soil cations from a slurry of contaminated soil fines. Journal of Hazardous Materials, 2006, 138, 493-499.	12.4	27
76	Diagnostic analysis of electrodialysis in mine tailing materials. Electrochimica Acta, 2007, 52, 3406-3411.	5.2	27
77	Electrodialytic treatment for metal removal from sewage sludge ash from fluidized bed combustion. Journal of Hazardous Materials, 2010, 176, 1073-1078.	12.4	27
78	Electrodialytically treated MSWI fly ash use in clay bricks. Construction and Building Materials, 2020, 254, 119286.	7.2	27
79	Electrodialytic remediation of CCA-treated waste wood in a 2 m3 pilot plant. Science of the Total Environment, 2006, 364, 45-54.	8.0	26
80	Modeling of electrodialytic and dialytic removal of Cr, Cu and As from CCA-treated wood chips. Chemosphere, 2007, 66, 1716-1726.	8.2	26
81	Electrokinetic desalination of sandstones for NaCl removalâ€"Test of different clay poultices at the electrodes. Electrochimica Acta, 2012, 86, 192-202.	5.2	26
82	Influence of the properties of granite and sandstone in the desalination process by electrokinetic technique. Electrochimica Acta, 2015, 181, 280-287.	5.2	26
83	Simultaneous electrodialytic removal of PAH, PCB, TBT and heavy metals from sediments. Journal of Environmental Management, 2017, 198, 192-202.	7.8	25
84	Electrodialytic extraction of Cr from water-washed MSWI fly ash by changing pH and redox conditions. Waste Management, 2018, 71, 215-223.	7.4	25
85	Quantitative analysis of the influence of synthetic fibres on plastic shrinkage cracking using digital image correlation. Construction and Building Materials, 2019, 199, 124-137.	7.2	25
86	Electrochemical Analysis of Ion-Exchange Membranes with Respect to a Possible Use in Electrodialytic Decontamination of Soil Polluted with Heavy Metals^{â€}. Separation Science and Technology, 1997, 32, 2425-2444.	2.5	24
87	Preliminary treatment of MSW fly ash as a way of improving electrodialytic remediation. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 837-843.	1.7	24
88	Electroremediation of air pollution control residues in a continuous reactor. Journal of Applied Electrochemistry, 2010, 40, 1173-1181.	2.9	24
89	Electrodialytic remediation of municipal solid waste incineration residues using different membranes. Chemosphere, 2017, 169, 62-68.	8.2	24
90	Challenges in electrochemical remediation of chlorinated solvents in natural groundwater aquifer settings. Journal of Hazardous Materials, 2019, 368, 680-688.	12.4	23

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91	Organic acid enhanced electrodialytic extraction of lead from contaminated soil fines in suspension. Journal of Chemical Technology and Biotechnology, 2007, 82, 920-928.	3.2	22
92	Electrochemical peroxidation as a tool to remove arsenic and copper from smelter wastewater. Journal of Applied Electrochemistry, 2010, 40, 1031-1038.	2.9	22
93	Modeling of Electric Double-Layers Including Chemical Reaction Effects. Electrochimica Acta, 2014, 150, 263-268.	5.2	22
94	Electrochemically enhanced reduction of hexavalent chromium in contaminated clay: Kinetics, energy consumption, and application of pulse current. Chemical Engineering Journal, 2015, 262, 1099-1107.	12.7	22
95	Utilization of acid-washed sewage sludge ash as sand or cement replacement in concrete. Resources, Conservation and Recycling, 2022, 176, 105943.	10.8	22
96	Effect of pulse current on acidification and removal of Cu, Cd, and As during suspended electrodialytic soil remediation. Electrochimica Acta, 2013, 107, 187-193.	5.2	21
97	Electrodialytic upgrading of three different municipal solid waste incineration residue types with focus on Cr, Pb, Zn, Mn, Mo, Sb, Se, V, Cl and SO4. Electrochimica Acta, 2015, 181, 167-178.	5.2	21
98	Electro-remediation of copper mine tailings. Comparing copper removal efficiencies for two tailings of different age. Minerals Engineering, 2013, 41, 1-8.	4.3	20
99	Electrical Resistance and Transport Numbers of Ion-Exchange Membranes Used in Electrodialytic Soil Remediation. Separation Science and Technology, 1999, 34, 2223-2233.	2.5	19
100	Effect of different extracting solutions on the electrodialytic remediation of CCA-treated wood waste Part I.. Journal of Hazardous Materials, 2004, 107, 103-113.	12.4	19
101	Electrodialytic remediation of copper mine tailings: Comparing different operational conditions. Minerals Engineering, 2006, 19, 500-504.	4.3	19
102	Pulse current enhanced electrodialytic soil remediationâ€"Comparison of different pulse frequencies. Journal of Hazardous Materials, 2012, 237-238, 299-306.	12.4	19
103	Electrodialytic removal of Cd from biomass combustion fly ash suspensions. Journal of Hazardous Materials, 2013, 250-251, 212-219.	12.4	19
104	Phase development and mechanical response of low-level cement replacements with wood ash and washed wood ash. Construction and Building Materials, 2021, 269, 121234.	7.2	19
105	The Effect of Soil Type on the Electrodialytic Remediation of Lead-Contaminated Soil. Environmental Engineering Science, 2007, 24, 234-244.	1.6	18
106	Electrokinetic desalination of glazed ceramic tiles. Journal of Applied Electrochemistry, 2010, 40, 1161-1171.	2.9	18
107	An optimised method for electrodialytic removal of heavy metals from harbour sediments. Electrochimica Acta, 2015, 173, 432-439.	5.2	18
108	Influence of electrode placement for mobilising and removing metals during electrodialytic remediation of metals from shooting range soil. Chemosphere, 2018, 210, 683-691.	8.2	18

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109	Electrodialytic phosphorus recovery from sewage sludge ash under kinetic control. Electrochimica Acta, 2018, 287, 49-59.	5.2	18
110	Electrodialytic removal of cadmium from straw combustion fly ash. Journal of Chemical Technology and Biotechnology, 2004, 79, 789-794.	3.2	17
111	Electrodialytic versus acid extraction of heavy metals from soil washing residue. Electrochimica Acta, 2012, 86, 115-123.	5.2	17
112	Chemometric Analysis for Pollution Source Assessment of Harbour Sediments in Arctic Locations. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	17
113	Sequential electrodialytic recovery of phosphorus from low-temperature gasification ashes of chemically precipitated sewage sludge. Waste Management, 2017, 60, 211-218.	7.4	17
114	Electrokinetic desalination of protruded areas of stone avoiding the direct contact with electrodes. Materials and Structures/Materiaux Et Constructions, 2017, 50, 1.	3.1	17
115	Reaction mechanisms of wood ash for use as a partial cement replacement. Construction and Building Materials, 2021, 286, 122889.	7.2	17
116	Wood ash used as partly sand and/or cement replacement in mortar. International Journal of Sustainable Development and Planning, 2016, 11, 781-791.	0.7	17
117	Effects from different types of construction refuse in the soil on electrodialytic remediation. Journal of Hazardous Materials, 2002, 91, 205-219.	12.4	16
118	Regressional modeling of electrodialytic removal of Cu, Cr and As from CCA treated timber waste: application to sawdust. Wood Science and Technology, 2005, 39, 291-309.	3.2	16
119	Effect of Major Constituents of MSW Fly Ash During Electrodialytic Remediation of Heavy Metals. Separation Science and Technology, 2005, 40, 2007-2019.	2.5	16
120	Electrodialytic remediation of suspended mine tailings. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 832-836.	1.7	16
121	Assessing fly ash treatment: Remediation and stabilization of heavy metals. Journal of Environmental Management, 2010, 95 Suppl, S110-5.	7.8	16
122	Metal speciation of historic and new copper mine tailings from Repparfjorden, Northern Norway, before and after acid, base and electrodialytic extraction. Minerals Engineering, 2017, 107, 100-111.	4.3	16
123	Utilisation of Electrodialytically Treated Sewage Sludge Ash in Mortar. Waste and Biomass Valorization, 2018, 9, 2503-2515.	3.4	16
124	Electrodialytic Remediation of Soil Slurryâ€“Removal of Cu, Cr, and As. Separation Science and Technology, 2009, 44, 2245-2268.	2.5	15
125	Diffusion and electromigration in clay bricks influenced by differences in the pore system resulting from firing. Construction and Building Materials, 2012, 27, 390-397.	7.2	15
126	Valorisation of ferric sewage sludge ashes: Potential as a phosphorus source. Waste Management, 2016, 52, 193-201.	7.4	15

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127	Valorisation of Phosphorus Extracted from Dairy Cattle Slurry and Municipal Solid Wastes Digestates as a Fertilizer. Waste and Biomass Valorization, 2016, 7, 861-869.	3.4	15
128	Enhancing the efficiency of electrochemical desalination of stones: a proton pump approach. Materials and Structures/Materiaux Et Constructions, 2018, 51, 1.	3.1	15
129	Electrodialytic extraction of Cd and Cu from sediment from Sisimiut Harbour, Greenland. Journal of Hazardous Materials, 2007, 140, 271-279.	12.4	14
130	Removal of Arsenic from Wastewaters by Airlift Electrocoagulation: Part 3: Copper Smelter Wastewater Treatment. Separation Science and Technology, 2010, 45, 1326-1330.	2.5	14
131	Desalination of salt damaged Obernkirchen sandstone by an applied DC field. Construction and Building Materials, 2014, 71, 561-569.	7.2	14
132	An improved electrokinetic method to consolidate porous materials. Materials and Structures/Materiaux Et Constructions, 2017, 50, 1.	3.1	14
133	Screening of heavy metal containing waste types for use as raw material in Arctic clay-based bricks. Environmental Science and Pollution Research, 2018, 25, 32831-32843.	5.3	14
134	Effect of long-term electrodialytic soil remediation on Pb removal and soil weathering. Journal of Hazardous Materials, 2018, 358, 459-466.	12.4	14
135	Influence of synthetic waste fibres on drying shrinkage cracking and mechanical properties of adobe materials. Construction and Building Materials, 2021, 286, 122738.	7.2	14
136	Applying multivariate analysis as decision tool for evaluating sediment-specific remediation strategies. Chemosphere, 2016, 151, 59-67.	8.2	13
137	Elemental analysis of ash residue from combustion of CCA treated wood waste before and after electrodialytic extraction. Chemosphere, 2006, 65, 110-116.	8.2	12
138	Electroremediation of straw and co-combustion ash under acidic conditions. Journal of Hazardous Materials, 2009, 161, 1003-1009.	12.4	12
139	Electrochemical desalination of bricks â€“ Experimental and modeling. Electrochimica Acta, 2015, 181, 24-30.	5.2	12
140	Screening of variable importance for optimizing electrodialytic remediation of heavy metals from polluted harbour sediments. Environmental Technology (United Kingdom), 2015, 36, 2364-2373.	2.2	12
141	Electrodialytic remediation of fly ash from co-combustion of wood and straw. Electrochimica Acta, 2015, 181, 208-216.	5.2	12
142	Long-term dispersion and availability of metals from submarine mine tailing disposal in a fjord in Arctic Norway. Environmental Science and Pollution Research, 2018, 25, 32901-32912.	5.3	12
143	High Cu and Cd pollution in sediments from Sisimiut, Greenland. Adsorption to organic matter and fine particles. Environmental Chemistry Letters, 2006, 4, 195-199.	16.2	10
144	Experimental and modeling of the electrodialytic and dialytic treatment of a fly ash containing Cd, Cu and Pb. Journal of Applied Electrochemistry, 2010, 40, 1689-1697.	2.9	10

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145	Electrodialytic Remediation of Different Heavy Metal-Polluted Soils in Suspension. Water, Air, and Soil Pollution, 2013, 224, 1.	2.4	10
146	The influence of sediment properties and experimental variables on the efficiency of electrodialytic removal of metals from sediment. Journal of Environmental Chemical Engineering, 2017, 5, 5312-5321.	6.7	10
147	Sustainability of construction materials: Electrodialytic technology as a tool for mortars production. Journal of Hazardous Materials, 2019, 363, 421-427.	12.4	10
148	Transformation of tetrachloroethylene in a flow-through electrochemical reactor. Science of the Total Environment, 2020, 707, 135566.	8.0	10
149	Electroprecipitation of Magnesium and Calcium Compounds for Weathering Protection of Ornamental Rocks. Crystal Growth and Design, 2020, 20, 2337-2355.	3.0	10
150	Electrokinetic desalination of a farmhouse applying a proton pump approach. First in situ experience. Construction and Building Materials, 2020, 243, 118308.	7.2	10
151	Nanoremediation Coupled to Electrokinetics for PCB Removal from Soil. , 2016, , 331-350.		9
152	Electrodialytic Remediation of Copper Mine Tailings. Procedia Engineering, 2012, 44, 2053-2055.	1.2	8
153	Electrodialytic soil remediation enhanced by low frequency pulse current â€“ Overall chronopotentiometric measurement. Chemosphere, 2013, 90, 1520-1525.	8.2	8
154	Degradation of oil products in a soil from a Russian Barents hot-spot during electrodialytic remediation. SpringerPlus, 2016, 5, 168.	1.2	8
155	IMPLEMENTATION STAGE FOR CIRCULAR ECONOMY IN THE DANISH BUILDING AND CONSTRUCTION SECTOR. Detritus, 2021, , 26-30.	0.9	8
156	Characterization of residues from thermal treatment of treated wood and extraction of Cu, Cr, As and Zn. Wood Science and Technology, 2005, 39, 87-98.	3.2	7
157	Formation of ferric flocks to remove for the removal of Zn and Cu from dockyard wastewater. Environmental Chemistry Letters, 2006, 3, 164-168.	16.2	7
158	Electrodialytic removal of Cd from straw ash in a pilot plant. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 844-851.	1.7	7
159	Electrodialytic Extraction of Heavy Metals from Greenlandic MSWI Fly Ash As a Function of Remediation Time and L/S ratio. , 2013, , .		7
160	Applying multivariate analysis for optimising the electrodialytic removal of Cu and Pb from shooting range soils. Journal of Hazardous Materials, 2019, 368, 869-876.	12.4	7
161	Electrochemical in situ impregnation of wood using a copper nail as source for copper. Wood Science and Technology, 2011, 45, 289-302.	3.2	6
162	Electrokinetic Soil Remediation: An Overview. , 2016, , 3-18.		6

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163	Screening dilute sources of rare earth elements for their circular recovery. Journal of Geochemical Exploration, 2022, 238, 107000.	3.2	6
164	Phosphorus Recovery from a Water Reservoirâ€"Potential of Nanofiltration Coupled to Electrodialytic Process. Waste and Biomass Valorization, 2013, 4, 675-681.	3.4	5
165	The influence of Magnafloc10 on the acidic, alkaline, and electrodialytic desorption of metals from mine tailings. Journal of Environmental Management, 2018, 224, 130-139.	7.8	5
166	Electro-remediation of tailings from a multi-metal sulphide mine: comparing removal efficiencies of Pb, Zn, Cu and Cd. Chemistry and Ecology, 2019, 35, 54-68.	1.6	5
167	New Double Electrode System for the Electrochemical Desalination of Building Stones. International Journal of Architectural Heritage, 2020, 14, 678-693.	3.1	5
168	Incorporation of Different Fly Ashes from MSWI as Substitute for Cement in Mortar: An Overview of the Suitability of Electrodialytic Pre-treatment. , 2016, , 225-247.		5
169	Rare Earth Elements Partition and Recovery During Electrodialytic Treatment of Coal Fly Ash. Journal of the Electrochemical Society, 2022, 169, 033501.	2.9	5
170	Experimental design for assessment of electrokinetically enhanced delivery of lactate and bacteria in 1,2-cis-dichloroethylene contaminated limestone. Environmental Technology and Innovation, 2015, 4, 73-81.	6.1	4
171	Electrochemical desalination of historic Portuguese tilesÂâ€"ÂRemoval of chlorides, nitrates and sulfates. Journal of Cultural Heritage, 2015, 16, 712-718.	3.3	4
172	Electrodialytic Arsenic Removal from Bulk and Pre-treated Soil. Water, Air, and Soil Pollution, 2019, 230, 1.	2.4	4
173	Electrochemical transformation of an aged tetrachloroethylene contamination in realistic aquifer settings. Chemosphere, 2020, 243, 125340.	8.2	4
174	Greenlandic waste incineration fly and bottom ash as secondary resource in mortar. International Journal of Sustainable Development and Planning, 2016, 11, 719-728.	0.7	4
175	Electric resistivity during electrodialytic recovery of phosphorous from sewage sludge ash. Case Studies in Chemical and Environmental Engineering, 2021, 3, 100092.	6.1	3
176	Electroosmotic Dewatering of Porous Materials-Experiences with Chalk, Iron Hydroxide and Biomass Sludges, and Wet Fly Ash. Journal of Chemical Engineering of Japan, 2003, 36, 689-694.	0.6	3
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