

Pernille E Jensen

List of Publications by Citations

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

81
papers

1,572
citations

23
h-index

35
g-index

87
ext. papers

1,776
ext. citations

6.2
avg, IF

5.09
L-index

#	Paper	IF	Citations
81	Extracting phosphorous from incinerated sewage sludge ash rich in iron or aluminum. <i>Chemosphere</i> , 2013 , 91, 963-9	8.4	113
80	Methane Oxidation at Low Temperatures in Soil Exposed to Landfill Gas. <i>Journal of Environmental Quality</i> , 2000 , 29, 1989-1997	3.4	74
79	Comparison of two different electro-dialytic cells for separation of phosphorus and heavy metals from sewage sludge ash. <i>Chemosphere</i> , 2015 , 125, 122-9	8.4	68
78	Electro-dialytic treatment of municipal wastewater and sludge for the removal of heavy metals and recovery of phosphorus. <i>Electrochimica Acta</i> , 2015 , 181, 90-99	6.7	61
77	Removal of selected heavy metals from MSW fly ash by the electro-dialytic process. <i>Engineering Geology</i> , 2005 , 77, 339-347	6	55
76	A review of wastewater handling in the Arctic with special reference to pharmaceuticals and personal care products (PPCPs) and microbial pollution. <i>Ecological Engineering</i> , 2013 , 50, 76-85	3.9	54
75	Speciation Of Pb In Industrially Polluted Soils. <i>Water, Air, and Soil Pollution</i> , 2006 , 170, 359-382	2.6	52
74	Electro-dialytic removal of heavy metals and chloride from municipal solid waste incineration fly ash and air pollution control residue in suspension Test of a new two compartment experimental cell. <i>Electrochimica Acta</i> , 2015 , 181, 73-81	6.7	38
73	Electro-dialytic remediation of soil fines (. <i>Electrochimica Acta</i> , 2007 , 52, 3412-3419	6.7	38
72	Phosphorous recovery from sewage sludge ash suspended in water in a two-compartment electro-dialytic cell. <i>Waste Management</i> , 2016 , 51, 142-148	8.6	35
71	Utilization of electromigration in civil and environmental engineering--processes, transport rates and matrix changes. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2008 , 43, 795-809	2.3	35
70	Comparison of different MSWI fly ash treatment processes on the thermal behavior of As, Cr, Pb and Zn in the ash. <i>Waste Management</i> , 2017 , 68, 240-251	8.6	32
69	Comparison of 2-compartment, 3-compartment and stack designs for electro-dialytic removal of heavy metals from harbour sediments. <i>Electrochimica Acta</i> , 2015 , 181, 48-57	6.7	32
68	Multivariate methods for evaluating the efficiency of electro-dialytic removal of heavy metals from polluted harbour sediments. <i>Journal of Hazardous Materials</i> , 2015 , 283, 712-20	12.8	30
67	Electro-dialytic Separation of Phosphorus and Heavy Metals from Two Types of Sewage Sludge Ash. <i>Separation Science and Technology</i> , 2014 , 49, 1910-1920	2.5	29
66	Evaluation of mine tailings potential as supplementary cementitious materials based on chemical, mineralogical and physical characteristics. <i>Waste Management</i> , 2020 , 102, 710-721	8.6	27
65	Electro-dialytic extraction of phosphorus from ash of low-temperature gasification of sewage sludge. <i>Electrochimica Acta</i> , 2015 , 181, 100-108	6.7	25

64	Electrodialytic remediation of suspended soil--Comparison of two different soil fractions. <i>Journal of Hazardous Materials</i> , 2012 , 203-204, 229-35	12.8	25
63	Relation Between pH and Desorption of Cu, Cr, Zn, and Pb from Industrially Polluted Soils. <i>Water, Air, and Soil Pollution</i> , 2009 , 201, 295-304	2.6	25
62	Simultaneous electrochemical removal of PAH, PCB, TBT and heavy metals from sediments. <i>Journal of Environmental Management</i> , 2017 , 198, 192-202	7.9	24
61	Impact of production parameters on physiochemical characteristics of wood ash for possible utilisation in cement-based materials. <i>Resources, Conservation and Recycling</i> , 2019 , 145, 230-240	11.9	24
60	Sewage sludge ash as resource for phosphorous and material for clay brick manufacturing. <i>Construction and Building Materials</i> , 2020 , 249, 118684	6.7	24
59	Comparison of two- and three-compartment cells for electrochemical removal of heavy metals from contaminated material suspensions. <i>Journal of Hazardous Materials</i> , 2019 , 367, 68-76	12.8	24
58	Kinetics of electrochemical extraction of Pb and soil cations from a slurry of contaminated soil fines. <i>Journal of Hazardous Materials</i> , 2006 , 138, 493-9	12.8	23
57	Comparison of phosphorus recovery from incineration and gasification sewage sludge ash. <i>Water Science and Technology</i> , 2017 , 75, 1251-1260	2.2	22
56	Test of electrochemical upgrading of MSWI APC residue in pilot scale: focus on reduced metal and salt leaching. <i>Journal of Applied Electrochemistry</i> , 2010 , 40, 1049-1060	2.6	22
55	The relative influence of electrokinetic remediation design on the removal of As, Cu, Pb and Sb from shooting range soils. <i>Engineering Geology</i> , 2018 , 238, 52-61	6	21
54	Electrochemical peroxidation as a tool to remove arsenic and copper from smelter wastewater. <i>Journal of Applied Electrochemistry</i> , 2010 , 40, 1031-1038	2.6	20
53	Electroremediation of air pollution control residues in a continuous reactor. <i>Journal of Applied Electrochemistry</i> , 2010 , 40, 1173-1181	2.6	20
52	Preliminary treatment of MSW fly ash as a way of improving electrochemical remediation. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2008 , 43, 837-43	2.3	20
51	Electrokinetics applied in remediation of subsurface soil contaminated with chlorinated ethenes - A review. <i>Chemosphere</i> , 2019 , 235, 113-125	8.4	19
50	Suitability of oil bioremediation in an Arctic soil using surplus heating from an incineration facility. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 6221-7	5.1	19
49	Electrochemical remediation of municipal solid waste incineration residues using different membranes. <i>Chemosphere</i> , 2017 , 169, 62-68	8.4	19
48	Organic acid enhanced electrochemical extraction of lead from contaminated soil fines in suspension. <i>Journal of Chemical Technology and Biotechnology</i> , 2007 , 82, 920-928	3.5	19
47	Sequential electrochemical recovery of phosphorus from low-temperature gasification ashes of chemically precipitated sewage sludge. <i>Waste Management</i> , 2017 , 60, 211-218	8.6	17

46	Electrodialytic extraction of Cr from water-washed MSWI fly ash by changing pH and redox conditions. <i>Waste Management</i> , 2018 , 71, 215-223	8.6	17
45	Effect of pulse current on acidification and removal of Cu, Cd, and As during suspended electro-dialytic soil remediation. <i>Electrochimica Acta</i> , 2013 , 107, 187-193	6.7	17
44	Electrodialytic upgrading of three different municipal solid waste incineration residue types with focus on Cr, Pb, Zn, Mn, Mo, Sb, Se, V, Cl and SO ₄ . <i>Electrochimica Acta</i> , 2015 , 181, 167-178	6.7	17
43	Electrodialytic treatment of Greenlandic municipal solid waste incineration fly ash. <i>Waste Management</i> , 2018 , 80, 241-251	8.6	17
42	Electrodialytic per- and polyfluoroalkyl substances (PFASs) removal mechanism for contaminated soil. <i>Chemosphere</i> , 2019 , 232, 224-231	8.4	16
41	The Effect of Soil Type on the Electro-dialytic Remediation of Lead-Contaminated Soil. <i>Environmental Engineering Science</i> , 2007 , 24, 234-244	2	16
40	Chemometric Analysis for Pollution Source Assessment of Harbour Sediments in Arctic Locations. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	15
39	Metal speciation of historic and new copper mine tailings from Repparfjorden, Northern Norway, before and after acid, base and electro-dialytic extraction. <i>Minerals Engineering</i> , 2017 , 107, 100-111	4.9	15
38	An optimised method for electro-dialytic removal of heavy metals from harbour sediments. <i>Electrochimica Acta</i> , 2015 , 173, 432-439	6.7	15
37	Electrodialytic Remediation of Soil Slurry Removal of Cu, Cr, and As. <i>Separation Science and Technology</i> , 2009 , 44, 2245-2268	2.5	15
36	Pulse current enhanced electro-dialytic soil remediation—comparison of different pulse frequencies. <i>Journal of Hazardous Materials</i> , 2012 , 237-238, 299-306	12.8	14
35	Electrodialytic versus acid extraction of heavy metals from soil washing residue. <i>Electrochimica Acta</i> , 2012 , 86, 115-123	6.7	13
34	Electrodialytic extraction of Cd and Cu from sediment from Sisimiut Harbour, Greenland. <i>Journal of Hazardous Materials</i> , 2007 , 140, 271-9	12.8	13
33	Screening of variable importance for optimizing electro-dialytic remediation of heavy metals from polluted harbour sediments. <i>Environmental Technology (United Kingdom)</i> , 2015 , 36, 2364-73	2.6	12
32	Screening of heavy metal containing waste types for use as raw material in Arctic clay-based bricks. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 32831-32843	5.1	11
31	The influence of electro-dialytic remediation on dioxin (PCDD/PCDF) levels in fly ash and air pollution control residues. <i>Chemosphere</i> , 2016 , 148, 380-7	8.4	11
30	Influence of electrode placement for mobilising and removing metals during electro-dialytic remediation of metals from shooting range soil. <i>Chemosphere</i> , 2018 , 210, 683-691	8.4	11
29	Electrodialytic remediation of fly ash from co-combustion of wood and straw. <i>Electrochimica Acta</i> , 2015 , 181, 208-216	6.7	10

28	Effect of long-term electro-dialytic soil remediation on Pb removal and soil weathering. <i>Journal of Hazardous Materials</i> , 2018 , 358, 459-466	12.8	10
27	Treatment of Arctic wastewater by chemical coagulation, UV and peracetic acid disinfection. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 32851-32859	5.1	9
26	Applying multivariate analysis as decision tool for evaluating sediment-specific remediation strategies. <i>Chemosphere</i> , 2016 , 151, 59-67	8.4	9
25	The influence of sediment properties and experimental variables on the efficiency of electro-dialytic removal of metals from sediment. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 5312-5321	6.8	8
24	Electro-dialytic Remediation of Different Heavy Metal-Polluted Soils in Suspension. <i>Water, Air, and Soil Pollution</i> , 2013 , 224, 1	2.6	8
23	Effect of long-term freezing and freeze-thaw cycles on indigenous and inoculated microorganisms in dewatered blackwater. <i>Environmental Science & Technology</i> , 2012 , 46, 12408-16	10.3	8
22	Wood ash used as partly sand and/or cement replacement in mortar. <i>International Journal of Sustainable Development and Planning</i> , 2016 , 11, 781-791	2	8
21	Degradation of oil products in a soil from a Russian Barents hot-spot during electro-dialytic remediation. <i>SpringerPlus</i> , 2016 , 5, 168		7
20	Electrochemical desalination of bricks [Experimental and modeling. <i>Electrochimica Acta</i> , 2015 , 181, 24-306.7		7
19	Long-term dispersion and availability of metals from submarine mine tailing disposal in a fjord in Arctic Norway. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 32901-32912	5.1	7
18	Electro-dialytic Extraction of Heavy Metals from Greenlandic MSWI Fly Ash As a Function of Remediation Time and L/S ratio 2013 ,		6
17	Non-target and suspect screening strategies for electro-dialytic soil remediation evaluation: Assessing changes in the molecular fingerprints and per- and polyfluoroalkyl substances (PFASs). <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104437	6.8	6
16	Applying multivariate analysis for optimising the electro-dialytic removal of Cu and Pb from shooting range soils. <i>Journal of Hazardous Materials</i> , 2019 , 368, 869-876	12.8	5
15	Incorporation of Different Fly Ashes from MSWI as Substitute for Cement in Mortar: An Overview of the Suitability of Electro-dialytic Pre-treatment 2016 , 225-247		4
14	Electro-remediation of tailings from a multi-metal sulphide mine: comparing removal efficiencies of Pb, Zn, Cu and Cd. <i>Chemistry and Ecology</i> , 2019 , 35, 54-68	2.3	4
13	Electrokinetic Removal of Heavy Metals 95-126		4
12	The influence of Magnafloc10 on the acidic, alkaline, and electro-dialytic desorption of metals from mine tailings. <i>Journal of Environmental Management</i> , 2018 , 224, 130-139	7.9	3
11	Effect of anaerobiosis on indigenous microorganisms in blackwater with fish offal as co-substrate. <i>Water Research</i> , 2014 , 63, 1-9	12.5	3

10	Liability of toxic elements in Submarine Tailings Disposal: The relationship between metal fractionation and metal uptake by sandworms (<i>Alitta virens</i>). <i>Science of the Total Environment</i> , 2019 , 696, 133903	10.2	2
9	Hydrocarbon and Toxic Metal Contamination from Tank Installations in a Northwest Greenlandic Village. <i>Water, Air, and Soil Pollution</i> , 2012 , 223, 4407-4416	2.6	2
8	Remediation of Oil-Contaminated Soil in Greenland 2013 ,		2
7	Greenlandic waste incineration fly and bottom ash as secondary resource in mortar. <i>International Journal of Sustainable Development and Planning</i> , 2016 , 11, 719-728	2	2
6	Characterisation and chemometric evaluation of 17 elements in ten seaweed species from Greenland. <i>PLoS ONE</i> , 2021 , 16, e0243672	3.7	2
5	Electrokinetic Remediation of Copper Mine Tailings: Evaluating Different Alternatives for the Electric Field 2016 , 143-159		1
4	Hydrocarbon-Contaminated Soil in Cold Climate Conditions: Electrokinetic-Bioremediation Technology as a Remediation Strategy 2021 , 173-190		0
3	Comparison of 2- and 3-compartment electro-dialytic remediation cells for oil polluted soil from northwest Russia. <i>Environmental Technology (United Kingdom)</i> , 2021 , 42, 3900-3906	2.6	
2	Screening for key material parameters affecting early-age and mechanical properties of blended cementitious binders with mine tailings. <i>Case Studies in Construction Materials</i> , 2021 , 15, e00608	2.7	
1	Recovery of Phosphorous from Sewage Sludge Ash Prior to Utilization as Secondary Resource in Concrete and Bricks. <i>RILEM Bookseries</i> , 2021 , 305-315	0.5	