Krishna R Reddy

List of Publications by Year
in descending order

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		8159	20307
495	20,635	76	116
papers	citations	h-index	g-index

521	521	521	12156
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phosphorus Retention in Streams and Wetlands: A Review. Critical Reviews in Environmental Science and Technology, 1999, 29, 83-146.	6.6	801
2	Changes in Soil Physical Properties Due to Organic Waste Applications: A Review. Journal of Environmental Quality, 1981, 10, 133-141.	1.0	414
3	Characteristics and Applications of Biochar for Environmental Remediation: A Review. Critical Reviews in Environmental Science and Technology, 2015, 45, 939-969.	6.6	362
4	Temperature Effects in Treatment Wetlands. Water Environment Research, 2001, 73, 543-557.	1.3	322
5	Physical and chemical characterization of waste wood derived biochars. Waste Management, 2015, 36, 256-268.	3.7	297
6	Critical appraisal of piping phenomena in earth dams. Bulletin of Engineering Geology and the Environment, 2007, 66, 381-402.	1.6	291
7	Regulation of Organic Matter Decomposition and Nutrient Release in a Wetland Soil. Journal of Environmental Quality, 1998, 27, 1268-1274.	1.0	258
8	Effect of acid rain pH on leaching behavior of cement stabilized lead-contaminated soil. Journal of Hazardous Materials, 2014, 271, 131-140.	6.5	239
9	Behavior and Transport of Microbial Pathogens and Indicator Organisms in Soils Treated with Organic Wastes. Journal of Environmental Quality, 1981, 10, 255-266.	1.0	235
10	Effect of pH control at the anode for the electrokinetic removal of phenanthrene from kaolin soil. Chemosphere, 2003, 51, 273-287.	4.2	217
11	Electrokinetically Enhanced Remediation of Hydrophobic Organic Compounds in Soils: A Review. Critical Reviews in Environmental Science and Technology, 2005, 35, 115-192.	6.6	203
12	Forms of Soil Phosphorus in Selected Hydrologic Units of the Florida Everglades. Soil Science Society of America Journal, 1998, 62, 1134-1147.	1.2	187
13	CHEMICAL FRACTIONATION OF ORGANIC PHOSPHORUS IN SELECTED HISTOSOLS1. Soil Science, 1998, 163, 36-45.	0.9	186
14	Phosphorus Sorption Characteristics of Estuarine Sediments under Different Redox Conditions. Journal of Environmental Quality, 2001, 30, 1474-1480.	1.0	181
15	Geotechnical properties of fresh municipal solid waste at Orchard Hills Landfill, USA. Waste Management, 2009, 29, 952-959.	3.7	172
16	Resuspension and Diffusive Flux of Nitrogen and Phosphorus in a Hypereutrophic Lake. Journal of Environmental Quality, 1996, 25, 363-371.	1.0	167
17	Electrokinetic-enhanced phytoremediation of soils: Status and opportunities. Chemosphere, 2013, 93, 626-636.	4.2	166
18	Nutrient Removal Potential of Selected Aquatic Macrophytes. Journal of Environmental Quality, 1985, 14, 459-462.	1.0	165

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19	Effects of soil composition on the removal of chromium by electrokinetics. Journal of Hazardous Materials, 1997, 55, 135-158.	6.5	162
20	Nanobioremediation: Integration of nanoparticles and bioremediation for sustainable remediation of chlorinated organic contaminants in soils. International Biodeterioration and Biodegradation, 2017, 119, 419-428.	1.9	159
21	Assessment of electrokinetic removal of heavy metals from soils by sequential extraction analysis. Journal of Hazardous Materials, 2001, 84, 279-296.	6.5	157
22	Temperature sensitivity of greenhouse gas production in wetland soils of different vegetation. Biogeochemistry, 2012, 108, 77-90.	1.7	157
23	Nitrificationâ€Denitrification Reactions in Flooded Soils and Water Bottoms: Dependence on Oxygen Supply and Ammonium Diffusion. Journal of Environmental Quality, 1976, 5, 469-472.	1.0	156
24	Influence of Phosphorus Loading on Organic Nitrogen Mineralization of Everglades Soils. Soil Science Society of America Journal, 2000, 64, 1525-1534.	1.2	148
25	Phosphorus Flux between Sediment and Overlying Water in Lake Okeechobee, Florida: Spatial and Temporal Variations. Journal of Environmental Quality, 1998, 27, 1428-1439.	1.0	147
26	Phosphorus Loading Effects on Extracellular Enzyme Activity in Everglades Wetland Soils. Soil Science Society of America Journal, 2001, 65, 588-595.	1.2	144
27	Phosphorus Sorption Capacities of Wetland Soils and Stream Sediments Impacted by Dairy Effluent. Journal of Environmental Quality, 1998, 27, 438-447.	1.0	142
28	Regulators of heterotrophic microbial potentials in wetland soils. Soil Biology and Biochemistry, 1999, 31, 815-830.	4.2	138
29	Removal of heavy metals from urban stormwater runoff using different filter materials. Journal of Environmental Chemical Engineering, 2014, 2, 282-292.	3.3	135
30	Simultaneous removal of organic compounds and heavy metals from soils by electrokinetic remediation with a modified cyclodextrin. Chemosphere, 2006, 63, 1022-1031.	4.2	134
31	New phosphate-based binder for stabilization of soils contaminated with heavy metals: Leaching, strength and microstructure characterization. Journal of Environmental Management, 2014, 146, 179-188.	3.8	132
32	Solubility of inorganic phosphorus in stream water as influenced by pH and calcium concentration. Water Research, 1994, 28, 1755-1763.	5.3	129
33	Sequentially Enhanced Electrokinetic Remediation of Heavy Metals in Low Buffering Clayey Soils. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2003, 129, 263-277.	1.5	125
34	Development and enhancement of electro-osmotic flow for the removal of contaminants from soils. Electrochimica Acta, 2012, 86, 10-22.	2.6	125
35	Geotechnical properties of municipal solid waste at different phases of biodegradation. Waste Management, 2011, 31, 2275-2286.	3.7	124
36	Interaction and spatial distribution of wetland nitrogen processes. Ecological Modelling, 1997, 105, 1-21.	1.2	122

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37	Influence of Nitrate and Phosphorus Loading on Denitrifying Enzyme Activity in Everglades Wetland Soils. Soil Science Society of America Journal, 1999, 63, 1945-1954.	1.2	122
38	Effect of different extraction agents on metal and organic contaminant removal from a field soil. Journal of Hazardous Materials, 2005, 117, 15-24.	6.5	122
39	Evaluation of Biochar as a Potential Filter Media for the Removal of Mixed Contaminants from Urban Storm Water Runoff. Journal of Environmental Engineering, ASCE, 2014, 140, .	0.7	121
40	Electrokinetic remediation of heavy metal-contaminated soils under reducing environments. Waste Management, 1999, 19, 269-282.	3.7	119
41	Landfill methane oxidation in soil and bio-based cover systems: a review. Reviews in Environmental Science and Biotechnology, 2014, 13, 79-107.	3.9	115
42	Enhanced Microbial Methane Oxidation in Landfill Cover Soil Amended with Biochar. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2014, 140, .	1.5	114
43	Assessing the applicability of phytoremediation of soils with mixed organic and heavy metal contaminants. Reviews in Environmental Science and Biotechnology, 2016, 15, 299-326.	3.9	114
44	Phosphorous Cycling in the Greater Everglades Ecosystem: Legacy Phosphorous Implications for Management and Restoration. Critical Reviews in Environmental Science and Technology, 2011, 41, 149-186.	6.6	113
45	Dynamic moduli and damping ratios for cemented sands at low strains. Canadian Geotechnical Journal, 1988, 25, 353-368.	1.4	112
46	Potential internal loading of phosphorus in a wetland constructed in agricultural land. Water Research, 2003, 37, 965-972.	5.3	112
47	Composition and Function of Sulfate-Reducing Prokaryotes in Eutrophic and Pristine Areas of the Florida Everglades. Applied and Environmental Microbiology, 2002, 68, 6129-6137.	1.4	108
48	Phosphorus Flux from Wetland Soils Affected by Longâ€Term Nutrient Loading. Journal of Environmental Quality, 2001, 30, 261-271.	1.0	104
49	Experimental investigation of initiation of backward erosion piping in soils. Geotechnique, 2012, 62, 933-942.	2.2	104
50	Mine tailing disposal sites: contamination problems, remedial options and phytocaps for sustainable remediation. Reviews in Environmental Science and Biotechnology, 2018, 17, 205-228.	3.9	101
51	Transient behavior of heavy metals in soils during electrokinetic remediation. Chemosphere, 2008, 71, 860-871.	4.2	100
52	Hydraulic Conductivity of MSW in Landfills. Journal of Environmental Engineering, ASCE, 2009, 135, 677-683.	0.7	99
53	Effects of biochar amendment on geotechnical properties of landfill cover soil. Waste Management and Research, 2015, 33, 524-532.	2.2	99
54	Heterotrophic Microbial Activity in Northern Everglades Wetland Soils. Soil Science Society of America Journal, 2001, 65, 1856-1864.	1.2	98

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55	Effect of Soil Type on Electrokinetic Removal of Phenanthrene Using Surfactants and Cosolvents. Journal of Environmental Engineering, ASCE, 2003, 129, 336-346.	0.7	97
56	Enhanced Electrokinetic Remediation of Heavy Metals in Glacial Till Soils Using Different Electrolyte Solutions. Journal of Environmental Engineering, ASCE, 2004, 130, 442-455.	0.7	97
57	Spatioâ€“Temporal Patterns of Soil Phosphorus Enrichment in Everglades Water Conservation Area 2A. Journal of Environmental Quality, 2001, 30, 1438-1446.	1.0	96
58	Nitrification and Denitrification Rates of Everglades Wetland Soils along a Phosphorusâ€Impacted Gradient. Journal of Environmental Quality, 2003, 32, 2436-2443.	1.0	96
59	Fate of Nitrogen and Phosphorus in a Wasteâ€water Retention Reservoir Containing Aquatic Macrophytes. Journal of Environmental Quality, 1983, 12, 137-141.	1.0	95
60	Biotic and abiotic uptake of phosphorus by periphyton in a subtropical freshwater wetland. Aquatic Botany, 2003, 77, 203-222.	0.8	95
61	Compressibility and shear strength of municipal solid waste under short-term leachate recirculation operations. Waste Management and Research, 2009, 27, 578-587.	2.2	95
62	Workability, compressibility and hydraulic conductivity of zeolite-amended clayey soil/calcium-bentonite backfills for slurry-trench cutoff walls. Engineering Geology, 2015, 195, 258-268.	2.9	95
63	Oxygen Transport through Selected Aquatic Macrophytes. Journal of Environmental Quality, 1988, 17, 138-142.	1.0	94
64	Enhanced electrokinetic remediation of contaminated manufactured gas plant soil. Engineering Geology, 2006, 85, 132-146.	2.9	93
65	Removal of Nickel and Phenanthrene from Kaolin Soil Using Different Extractants. Environmental Engineering Science, 2004, 21, 691-704.	0.8	91
66	Electrokinetic Amendment in Phytoremediation of Mixed Contaminated Soil. Electrochimica Acta, 2015, 181, 179-191.	2.6	90
67	Oxygen Transport through Aquatic Macrophytes: The Role in Wastewater Treatment. Journal of Environmental Quality, 1990, 19, 261.	1.0	89
68	Evaluation of soil washing process to remove mixed contaminants from a sandy loam. Journal of Hazardous Materials, 1996, 45, 45-57.	6.5	89
69	Impacts of presence of lead contamination in clayey soilâ€“calcium bentonite cutoff wall backfills. Applied Clay Science, 2015, 108, 111-122.	2.6	89
70	Nitrogen and Phosphorus Flux Rates from Sediment in the Lower St. Johns River Estuary. Journal of Environmental Quality, 2004, 33, 1545-1555.	1.0	87
71	Litter Decomposition and Nutrient Dynamics in a Phosphorus Enriched Everglades Marsh. Biogeochemistry, 2005, 75, 217-240.	1.7	87
72	Phosphorus Retention by Wetland Soils used for Treated Wastewater Disposal. Journal of Environmental Quality, 1994, 23, 370-377.	1.0	84

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73	Spatial Distribution of Soil Nutrients in a Northern Everglades Marsh: Water Conservation Area 1. Soil Science Society of America Journal, 1997, 61, 1275-1283.	1.2	84
74	Technical Challenges to In-situ Remediation of Polluted Sites. Geotechnical and Geological Engineering, 2010, 28, 211-221.	0.8	84
75	Phosphorus Sorbing Materials: Sorption Dynamics and Physicochemical Characteristics. Journal of Environmental Quality, 2008, 37, 174-181.	1.0	83
76	Biomass and chemical amendments for enhanced phytoremediation of mixed contaminated soils. Ecological Engineering, 2015, 85, 265-274.	1.6	82
77	Phylogenetic Characterization of Methanogenic Assemblages in Eutrophic and Oligotrophic Areas of the Florida Everglades. Applied and Environmental Microbiology, 2004, 70, 6559-6568.	1.4	78
78	Removal of chromium, nickel and cadmium from clays by inâ€šitu electrokinetic remediation. Journal of Soil Contamination, 1997, 6, 391-407.	0.5	77
79	Enhanced Electrokinetic Removal of Phenanthrene from Clay Soil by Periodic Electric Potential Application. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2004, 39, 1189-1212.	0.9	77
80	Comparison of Extractants for Removing Heavy Metals from Contaminated Clayey Soils. Journal of Soil Contamination, 2000, 9, 449-462.	0.5	76
81	Waterhyacinths for Water Quality Improvement and Biomass Production. Journal of Environmental Quality, 1984, 13, 1-8.	1.0	74
82	Surfactant-enhanced Electrokinetic Remediation of Mixed Contamination in Low Permeability Soil. Separation Science and Technology, 2009, 44, 2385-2409.	1.3	74
83	Prediction of Long-Term Municipal Solid Waste Landfill Settlement Using Constitutive Model. Practice Periodical of Hazardous, Toxic and Radioactive Waste Management, 2010, 14, 139-150.	0.4	74
84	Influence of Selected Inorganic Electron Acceptors on Organic Nitrogen Mineralization in Everglades Soils. Soil Science Society of America Journal, 2001, 65, 941-948.	1.2	72
85	Response of Biogeochemical Indicators to a Drawdown and Subsequent Reflood. Journal of Environmental Quality, 2004, 33, 2357-2366.	1.0	72
86	Review of Nanotechnology for Soil and Groundwater Remediation: Brazilian Perspectives. Water, Air, and Soil Pollution, 2015, 226, 1.	1.1	72
87	Electroosmotic dewatering of dredged sediments: Bench-scale investigation. Journal of Environmental Management, 2006, 78, 200-208.	3.8	70
88	Assessment of the Spatial Distribution of Soil Properties in a Northern Everglades Marsh. Journal of Environmental Quality, 2006, 35, 938-949.	1.0	69
89	A Review of In-Situ Air Sparging for the Remediation of VOC-Contaminated Saturated Soils and Groundwater. Hazardous Waste and Hazardous Materials, 1995, 12, 97-118.	0.4	68
90	Effects of initial form of chromium on electrokinetic remediation in clays. Journal of Environmental Management, 2003, 7, 353-365.	1.7	68

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91	Compressibility and hydraulic conductivity of clayey soil mixed with calcium bentonite for slurry wall backfill: Initial assessment. Applied Clay Science, 2014, 101, 119-127.	2.6	67
92	Soil microbial eco-physiological response to nutrient enrichment in a sub-tropical wetland. Ecological Indicators, 2007, 7, 277-289.	2.6	65
93	Hydrologic Influence on Stability of Organic Phosphorus in Wetland Detritus. Journal of Environmental Quality, 2001, 30, 668-674.	1.0	64
94	Overestimation of Organic Phosphorus in Wetland Soils by Alkaline Extraction and Molybdate Colorimetry. Environmental Science & Technology, 2006, 40, 3349-3354.	4.6	64
95	Effect of carbonation on leachability, strength and microstructural characteristics of KMP binder stabilized Zn and Pb contaminated soils. Chemosphere, 2016, 144, 1033-1042.	4.2	64
96	Extractants for the Removal of Mixed Contaminants from Soils. Soil and Sediment Contamination, 2008, 17, 586-608.	1.1	63
97	Adsorption and transport of methane in landfill cover soil amended with waste-wood biochars. Journal of Environmental Management, 2015, 158, 11-23.	3.8	63
98	Review of the Effects of Biochar Amendment on Soil Properties and Carbon Sequestration. Journal of Hazardous, Toxic, and Radioactive Waste, 2016, 20, .	1.2	63
99	Dairy Manure Influences on Phosphorus Retention Capacity of Spodosols. Journal of Environmental Quality, 1998, 27, 522-527.	1.0	62
100	Complicating Factors of Using Ethylenediamine Tetraacetic Acid to Enhance Electrokinetic Remediation of Multiple Heavy Metals in Clayey Soils. Journal of Environmental Engineering, ASCE, 2004, 130, 1357-1366.	0.7	62
101	Electrokinetic Remediation Modeling Incorporating Geochemical Effects. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2008, 134, 91-105.	1.5	62
102	Constitutive model for municipal solid waste incorporating mechanical creep and biodegradation-induced compression. Waste Management, 2010, 30, 11-22.	3.7	62
103	Critical review of applications of iron and steel slags for carbon sequestration and environmental remediation. Reviews in Environmental Science and Biotechnology, 2019, 18, 127-152.	3.9	62
104	Properties and Assessment of Applications of Red Mud (Bauxite Residue): Current Status and Research Needs. Waste and Biomass Valorization, 2021, 12, 1185-1217.	1.8	62
105	Liquefaction Resistance of Artificially Cemented Sand. Journal of Geotechcnical Engineering, 1988, 114, 1395-1413.	0.4	60
106	Determination of Methane Oxidation in the Rhizosphere of Sagittaria lancifolia Using Methyl Fluoride. Soil Science Society of America Journal, 1996, 60, 611-616.	1.2	60
107	Typha latifolia and Cladium jamaicense litter decay in response to exogenous nutrient enrichment. Aquatic Botany, 2006, 84, 70-78.	0.8	60
108	Potential Effects of Sediment Dredging on Internal Phosphorus Loading in a Shallow, Subtropical Lake. Lake and Reservoir Management, 2007, 23, 27-38.	0.4	60

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109	Water Table Effects on Histosol Drainage Water Carbon, Nitrogen, and Phosphorus. Journal of Environmental Quality, 1997, 26, 1062-1071.	1.0	59
110	Cosolvent-Enhanced Electrokinetic Remediation of Soils Contaminated with Phenanthrene. Journal of Environmental Engineering, ASCE, 2000, 126, 527-533.	0.7	59
111	Cosolvent-enhanced Desorption and Transport of Heavy Metals and Organic Contaminants in Soils during Electrokinetic Remediation. Water, Air, and Soil Pollution, 2008, 189, 199-211.	1.1	59
112	Sequential Electrokinetic Remediation of Mixed Contaminants in Low Permeability Soils. Journal of Environmental Engineering, ASCE, 2009, 135, 989-998.	0.7	58
113	Adsorption and transport of methane in biochars derived from waste wood. Waste Management, 2015, 43, 218-229.	3.7	58
114	COMBINED CHEMICAL AND 31P-NMR SPECTROSCOPIC ANALYSIS OF PHOSPHORUS IN WETLAND ORGANIC SOILS1. Soil Science, 1998, 163, 705-713.	0.9	58
115	Surfactant-enhanced electrokinetic remediation of polycyclic aromatic hydrocarbons in heterogeneous subsurface environments. Journal of Environmental Engineering and Science, 2005, 4, 327-339.	0.3	57
116	Internal Nutrient Loads from Sediments in a Shallow, Subtropical Lake. Lake and Reservoir Management, 2005, 21, 338-349.	0.4	57
117	Effect of soil composition on electrokinetically enhanced persulfate oxidation of polychlorobiphenyls. Electrochimica Acta, 2012, 86, 164-169.	2.6	57
118	Effects of freeze-thaw on characteristics of new KMP binder stabilized Zn- and Pb-contaminated soils. Environmental Science and Pollution Research, 2015, 22, 19473-19484.	2.7	57
119	Effect of freeze-thaw cycles on engineering properties of biocemented sand under different treatment conditions. Engineering Geology, 2021, 284, 106022.	2.9	57
120	Effects of Soil Heterogeneity on Airflow Patterns and Hydrocarbon Removal during In Situ Air Sparging. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2001, 127, 234-247.	1.5	56
121	Influence of hydrologic regime and vegetation on phosphorus retention in Everglades stormwater treatment area wetlands. Hydrological Processes, 2004, 18, 343-355.	1.1	56
122	Evaluation of laboratory techniques for measuring diffusion coefficients in sediments. Environmental Science & Technology, 1991, 25, 1605-1611.	4.6	55
123	Performance of subsurface flow wetlands with batch-load and continuous-flow conditions. Water Environment Research, 1995, 67, 855-862.	1.3	55
124	Bioavailability of Organic Phosphorus in a Submerged Aquatic Vegetationâ€“Dominated Treatment Wetland. Journal of Environmental Quality, 2002, 31, 1748-1756.	1.0	55
125	Periphyton chemistry and nitrogenase activity in a northern Everglades ecosystem. Biogeochemistry, 2004, 67, 213-233.	1.7	54
126	Hydrologic and Vegetation Effects on Water Column Phosphorus in Wetland Mesocosms. Soil Science Society of America Journal, 2006, 70, 1242-1251.	1.2	54

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127	A WebGIS and geodatabase for Florida's wetlands. Computers and Electronics in Agriculture, 2005, 47, 69-75.	3.7	53
128	Physicalâ€“Mineralogicalâ€“Chemical Characterization of Carbide Lime: An Environment-Friendly Chemical Additive for Soil Stabilization. Journal of Materials in Civil Engineering, 2018, 30, .	1.3	53
129	Sodium hexametaphosphate (SHMP)-amended calcium bentonite for slurry trench cutoff walls: workability and microstructure characteristics. Canadian Geotechnical Journal, 2018, 55, 528-537.	1.4	53
130	Effect of Pt and H2onn-Butane Isomerization over Fe and Mn Promoted Sulfated Zirconia. Journal of Catalysis, 1996, 161, 206-210.	3.1	52
131	Interlaboratory comparison of soil phosphorus extracted by various soil test methods. Communications in Soil Science and Plant Analysis, 2001, 32, 2325-2345.	0.6	52
132	The Reduction of Internal Phosphorus Loading Using Alum in Spring Lake, Michigan. Journal of Environmental Quality, 2004, 33, 2040-2048.	1.0	52
133	Syntrophic-Methanogenic Associations along a Nutrient Gradient in the Florida Everglades. Applied and Environmental Microbiology, 2004, 70, 3475-3484.	1.4	52
134	Short-Term Hydraulic Conductivity and Consolidation Properties of Soil-Bentonite Backfills Exposed to CCR-Impacted Groundwater. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2018, 144, .	1.5	51
135	Electrokinetic Remediation of Pentachlorophenol Contaminated Clay Soil. Water, Air, and Soil Pollution, 2011, 221, 35-44.	1.1	50
136	Effects of Cementation on Stress-Strain and Strength Characteristics of Sands. Soils and Foundations, 1993, 33, 121-134.	1.3	48
137	Electrokinetic-enhanced transport of lactate-modified nanoscale iron particles for degradation of dinitrotoluene in clayey soils. Separation and Purification Technology, 2011, 79, 230-237.	3.9	48
138	Quantitative Assessment of Life Cycle Sustainability (QUALICS): Framework and its application to assess electrokinetic remediation. Chemosphere, 2019, 230, 92-106.	4.2	47
139	Spatial monitoring of a nonâ€stationary soil property: phosphorus in a Florida water conservation area. European Journal of Soil Science, 2009, 60, 757-769.	1.8	46
140	Influence of dynamic coupled hydro-bio-mechanical processes on response of municipal solid waste and liner system in bioreactor landfills. Waste Management, 2017, 63, 143-160.	3.7	46
141	Title is missing!. Geotechnical and Geological Engineering, 1998, 16, 59-75.	0.8	45
142	Evaluation of surfactants/cosolvents for desorption/solubilization of Phenanthrene in clayey soils. International Journal of Environmental Studies, 2004, 61, 587-604.	0.7	45
143	Biochar-Amended Soil Cover for Microbial Methane Oxidation: Effect of Biochar Amendment Ratio and Cover Profile. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2018, 144, .	1.5	45
144	Rock-like behavior of biocemented sand treated under non-sterile environment and various treatment conditions. Journal of Rock Mechanics and Geotechnical Engineering, 2021, 13, 705-705.	3.7	45

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145	Diagenesis of Organic Matter in a Wetland Receiving Hypereutrophic Lake Water: II. Role of Inorganic Electron Acceptors in Nutrient Release. Journal of Environmental Quality, 1994, 23, 937-943.	1.0	44
146	Effects of biochar and wood pellets amendments added to landfill cover soil on microbial methane oxidation: A laboratory column study. Journal of Environmental Management, 2017, 193, 19-31.	3.8	44
147	Use of Biological Filters for Treating Agricultural Drainage Effluents. Journal of Environmental Quality, 1982, 11, 591-595.	1.0	43
148	Alkaline Phosphatase Activity in the Sediment–Water Column of a Hypereutrophic Lake. Journal of Environmental Quality, 1993, 22, 832-838.	1.0	43
149	Removal of Mercury from Clayey Soils Using Electrokinetics. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2003, 38, 307-338.	0.9	43
150	Nutrient Transformations in Sediments as Influenced by Oxygen Supply. Journal of Environmental Quality, 1992, 21, 387-393.	1.0	42
151	Nutrient Amendment for the Bioremediation of a Chromium-Contaminated Soil by Electrokinetics. Energy Sources Part A Recovery, Utilization, and Environmental Effects, 2003, 25, 931-943.	0.5	42
152	Surface Speciation Modeling of Heavy Metals in Kaolin: Implications for Electrokinetic Soil Remediation Processes. Adsorption, 2005, 11, 529-546.	1.4	42
153	State of the Art Review of Emerging and Biogeotechnical Methods for Liquefaction Mitigation in Sands. Journal of Hazardous, Toxic, and Radioactive Waste, 2021, 25, .	1.2	42
154	Nitrate Reduction in an Organic Soil-Water System. Journal of Environmental Quality, 1980, 9, 283-288.	1.0	41
155	Soluble phosphorus release from organic soils. Agriculture, Ecosystems and Environment, 1983, 9, 373-382.	2.5	41
156	Microbial Enzyme Activities in a Freshwater Marsh after Cessation of Nutrient Loading. Soil Science Society of America Journal, 2004, 68, 1796-1804.	1.2	41
157	Geotechnical properties of synthetic municipal solid waste. International Journal of Geotechnical Engineering, 2009, 3, 429-438.	1.1	41
158	Phosphorus storage capacity of uplands, wetlands and streams of the Lake Okeechobee Watershed, Florida. Agriculture, Ecosystems and Environment, 1996, 59, 203-216.	2.5	40
159	Iodide-Enhanced Electrokinetic Remediation of Mercury-Contaminated Soils. Journal of Environmental Engineering, ASCE, 2003, 129, 1137-1148.	0.7	40
160	Distribution and Stability of Sulfate-Reducing Prokaryotic and Hydrogenotrophic Methanogenic Assemblages in Nutrient-Impacted Regions of the Florida Everglades. Applied and Environmental Microbiology, 2005, 71, 2695-2704.	1.4	40
161	Sediment Inventory and Phosphorus Fractions for Water Conservation Area Canals in the Everglades. Soil Science Society of America Journal, 2006, 70, 863-871.	1.2	40
162	Investigation of various gram-positive bacteria for MICP in Narmada Sand, India. International Journal of Geotechnical Engineering, 2021, 15, 220-234.	1.1	40

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163	Increased soil stable nitrogen isotopic ratio following phosphorus enrichment: historical patterns and tests of two hypotheses in a phosphorus-limited wetland. Oecologia, 2007, 153, 99-109.	0.9	39
164	Integrated electrokinetic-soil flushing to remove mixed organic and metal contaminants. Journal of Applied Electrochemistry, 2010, 40, 1269-1279.	1.5	39
165	New ternary blend limestone calcined clay cement for solidification/stabilization of zinc contaminated soil. Chemosphere, 2019, 235, 308-315.	4.2	39
166	Carbon Transformations in the Land Areas Receiving Organic Wastes in Relation to Nonpoint Source Pollution: A Conceptual Model. Journal of Environmental Quality, 1980, 9, 434-442.	1.0	38
167	Recent Changes in Soil Total Phosphorus in the Everglades: Water Conservation Area 3. Environmental Monitoring and Assessment, 2007, 129, 379-395.	1.3	38
168	Two-Phase Modeling of Leachate Recirculation Using Vertical Wells in Bioreactor Landfills. Journal of Hazardous, Toxic, and Radioactive Waste, 2013, 17, 272-284.	1.2	38
169	Slope stability of bioreactor landfills during leachate injection: Effects of heterogeneous and anisotropic municipal solid waste conditions. Waste Management and Research, 2014, 32, 186-197.	2.2	38
170	Microbial Abundance and Activity in Biochar-Amended Landfill Cover Soils: Evidence from Large-Scale Column and Field Experiments. Journal of Environmental Engineering, ASCE, 2017, 143, .	0.7	38
171	Removal of Dissolved- and Free-Phase Benzene Pools from Ground Water Using In Situ Air Sparging. Journal of Environmental Engineering, ASCE, 2000, 126, 697-707.	0.7	37
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