

Krishna R Reddy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5543127/publications.pdf>

Version: 2024-02-01

495
papers

20,635
citations

8159

76
h-index

20307

116
g-index

521
all docs

521
docs citations

521
times ranked

12156
citing authors

#	ARTICLE	IF	CITATIONS
1	Field-scale performance of biochar-amended soil covers for landfill methane oxidation. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 5819-5834.	2.9	3
2	Effects of biochar-amended alkali-activated slag on the stabilization of coral sand in coastal areas. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2023, 15, 760-772.	3.7	5
3	Comparison of improved shear strength of biotreated sand using different ureolytic strains and sterile conditions. <i>Soil Use and Management</i> , 2022, 38, 771-789.	2.6	19
4	Comparison of limestone calcined clay cement and ordinary Portland cement for stabilization/solidification of Pb-Zn smelter residue. <i>Environmental Science and Pollution Research</i> , 2022, 29, 11393-11404.	2.7	9
5	Sustainable environmental geotechnics practices for a green economy. <i>Environmental Geotechnics</i> , 2022, 9, 68-84.	1.3	16
6	Hydraulic Conductivity of Sand/Biopolymer-Amended Bentonite Backfills in Vertical Cutoff Walls Permeated with Lead Solutions. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2022, 148, .	1.5	25
7	Enhanced contaminant retardation by novel modified calcium bentonite backfill in slurry trench cutoff walls. <i>Construction and Building Materials</i> , 2022, 320, 126285.	3.2	16
8	Spatio-temporal variations of quality of rainwater and stormwater and treatment of stormwater runoff using sand-gravel filters: case study of Delhi, India. <i>Rendiconti Lincei</i> , 2022, 33, 135-142.	1.0	7
9	Dredged Material Decision Tool (DMDT) for Sustainable Beneficial Reuse Applications. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 178.	1.2	1
10	Nanobioremediation of insecticides and herbicides. , 2022, , 501-516.		0
11	Use of methanotrophically activated biochar in novel biogeochemical cover system for carbon sequestration: Microbial characterization. <i>Science of the Total Environment</i> , 2022, 821, 153429.	3.9	2
12	Electrokinetic-assisted phytoremediation of heavy metal contaminated soil: Present status, challenges, and opportunities. , 2022, , 537-555.		1
13	Methane Oxidation and Microbial Community Dynamics in Activated Biochar-Amended Landfill Soil Cover. <i>Journal of Environmental Engineering, ASCE</i> , 2022, 148, .	0.7	4
14	Liquefaction Resistance of Biotreated Sand Before and After Exposing to Weathering Conditions. <i>Indian Geotechnical Journal</i> , 2022, 52, 328-340.	0.7	15
15	Tiered Quantitative Assessment of Life Cycle Sustainability and Resilience (TQUALICSR): Framework for Design of Engineering Projects. <i>Springer Transactions in Civil and Environmental Engineering</i> , 2022, , 1-19.	0.3	1
16	Investigation of different biogeochemical cover configurations for mitigation of landfill gas emissions: laboratory column experiments. <i>Acta Geotechnica</i> , 2022, 17, 5481-5498.	2.9	5
17	Multiple heavy metal immobilization and strength improvement of contaminated soil using bio-mediated calcite precipitation technique. <i>Environmental Science and Pollution Research</i> , 2022, 29, 51827-51846.	2.7	16
18	Sustainability assessment of PFAS adsorbents for groundwater remediation. <i>Materials Today: Proceedings</i> , 2022, 60, 2209-2216.	0.9	4

#	ARTICLE	IF	CITATIONS
19	Enhanced Landfill Methane Oxidation Using Activated Biochar. , 2022, , .		0
20	Reliability Assessment of Bioreactor Landfill Performance Using Coupled Thermo-Hydro-Bio-Mechanical Model. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2022, 148, .	1.5	0
21	Large-scale spatial characterization and liquefaction resistance of sand by hybrid bacteria induced biocementation. Engineering Geology, 2022, 302, 106635.	2.9	24
22	Use of Biochar for Sustainable Environmental Remediation. Lecture Notes in Civil Engineering, 2022, , 1-10.	0.3	0
23	Water Sensitive Urban Design (WSUD) for Treatment of Storm Water Runoff. , 2022, , 49-61.		2
24	Biogeochemical versus Conventional Landfill Soil Covers: Analysis of Gas Flow Profiles, Microbial Communities, and Mineralogy. Journal of Hazardous, Toxic, and Radioactive Waste, 2022, 26, .	1.2	2
25	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
26	Mixed versus layered multi-media filter for simultaneous removal of nutrients and heavy metals from urban stormwater runoff. Environmental Science and Pollution Research, 2021, 28, 7574-7585.	2.7	9
27	Influence of Waste Temperatures on Long-Term Landfill Performance: Coupled Numerical Modeling. Journal of Environmental Engineering, ASCE, 2021, 147, .	0.7	17
28	Effects of Biochar on Methane Oxidation and Properties of Landfill Cover Soil: Long-Term Column Incubation Tests. Journal of Environmental Engineering, ASCE, 2021, 147, .	0.7	15
29	Modeling elasto-visco-bio-plastic mechanical behavior of municipal solid waste in landfills. Acta Geotechnica, 2021, 16, 1061-1081.	2.9	11
30	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
31	Investigation of various gram-positive bacteria for MICP in Narmada Sand, India. International Journal of Geotechnical Engineering, 2021, 15, 220-234.	1.1	40
32	Characterization of Heavy Metals from a Contaminated Industrial Site. Lecture Notes in Civil Engineering, 2021, , 195-200.	0.3	0
33	Quantitative Assessment of Life Cycle Sustainability (QUALICS): Application to Engineering Projects. Lecture Notes in Civil Engineering, 2021, , 111-125.	0.3	3
34	Temperature Effects on Stability and Integrity of Geomembrane-Geotextile Interface in Municipal Solid Waste Landfill. International Journal of Geosynthetics and Ground Engineering, 2021, 7, 1.	0.9	8
35	Membrane behavior and diffusion properties of sand/SHMP-amended bentonite vertical cutoff wall backfill exposed to lead contamination. Engineering Geology, 2021, 284, 106037.	2.9	30
36	Comprehensive coupled thermo-hydro-bio-mechanical model for holistic performance assessment of municipal solid waste landfills. Computers and Geotechnics, 2021, 132, 103920.	2.3	14

#	ARTICLE	IF	CITATIONS
37	Effect of freeze-thaw cycles on engineering properties of biocemented sand under different treatment conditions. <i>Engineering Geology</i> , 2021, 284, 106022.	2.9	57
38	Effects of Leachate Recirculation System Variables on Long-Term Bioreactor Landfill Performance Using Coupled Thermo-Hydro-Bio-mechanical Model. <i>International Journal of Geomechanics</i> , 2021, 21, 04021059.	1.3	6
39	Simplified biogeochemical numerical model to predict pore fluid chemistry and calcite precipitation during biocementation of soil. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	0.6	14
40	Advancements in Municipal Solid Waste Landfill Cover System: A Review. <i>Journal of the Indian Institute of Science</i> , 2021, 101, 557-588.	0.9	15
41	Remediation of Hexavalent Chromium Contaminated Clay Soil by Injection of Nanoscale Zero Valent Iron (nZVI). <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	8
42	Combined effect of mineralogical and chemical parameters on swelling behaviour of expansive soils. <i>Scientific Reports</i> , 2021, 11, 16562.	1.6	10
43	Interaction of biopolymer with dispersive geomaterial and its characterization: An eco-friendly approach for erosion control. <i>Journal of Cleaner Production</i> , 2021, 312, 127778.	4.6	31
44	Seasonal variability and kinetics of phosphate removal in a Phragmites-based engineered wetland. <i>Rendiconti Lincei</i> , 2021, 32, 729-735.	1.0	7
45	Hydraulic conductivity of soil-bentonite backfill comprised of SHMP-amended Ca-bentonite to Cr(VI)-impacted groundwater. <i>Journal of Contaminant Hydrology</i> , 2021, 242, 103856.	1.6	15
46	Hybrid bacteria mediated cemented sand: Microcharacterization, permeability, strength, shear wave velocity, stress-strain, and durability. <i>International Journal of Damage Mechanics</i> , 2021, 30, 618-645.	2.4	17
47	Rock-like behavior of biocemented sand treated under non-sterile environment and various treatment conditions. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2021, 13, 705-705.	3.7	45
48	Climate-Resilient Biogeochemical Cover for Waste Containment Systems. , 2021, , .		3
49	Heavy metals containment by vertical cutoff walls backfilled with novel reactive magnesium-activated slag-bentonite-sand: Membrane and diffusion behavior. <i>Journal of Cleaner Production</i> , 2021, 328, 129623.	4.6	15
50	Two-Phase Flow Modeling to Evaluate Effectiveness of Different Leachate Injection Systems for Bioreactor Landfills. <i>Environmental Modeling and Assessment</i> , 2020, 25, 115-128.	1.2	3
51	Pilot-scale field investigation of ex situ solidification/stabilization of soils with inorganic contaminants using two novel binders. <i>Acta Geotechnica</i> , 2020, 15, 1467-1480.	2.9	13
52	Effect of Basic Oxygen Furnace Slag-Infiltrated Water on Methane Oxidation and Community Composition in Biogeochemical Landfill Cover System. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2020, 24, 04020001.	1.2	2
53	Numerical modeling of coupled biochemical and thermal behavior of municipal solid waste in landfills. <i>Computers and Geotechnics</i> , 2020, 128, 103836.	2.3	23
54	Strength Enhancement and Lead Immobilization of Sand Using Consortia of Bacteria and Blue-Green Algae. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2020, 24, .	1.2	33

#	ARTICLE	IF	CITATIONS
55	Pb-Zn Smelter Residue (LZSR) Stabilized Using Low-Carbon, Low-Cost Limestoneâ€“Calcined Clay Cement: Leachability, Chemical Speciation, Strength, and Microstructure. Journal of Hazardous, Toxic, and Radioactive Waste, 2020, 24, .	1.2	5
56	Removal Kinetics of Heavy Metals and Nutrients from Stormwater by Different Filter Materials. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	3
57	Carbon-Dioxide and Hydrogen-Sulfide Removal from Simulated Landfill Gas Using Steel Slag. Journal of Environmental Engineering, ASCE, 2020, 146, .	0.7	15
58	Stabilization/Solidification of Zinc- and Lead-Contaminated Soil Using Limestone Calcined Clay Cement (LC3): An Environmentally Friendly Alternative. Sustainability, 2020, 12, 3725.	1.6	20
59	Addressing Climate Change Impacts and Resiliency in Contaminated Site Remediation. Journal of Hazardous, Toxic, and Radioactive Waste, 2020, 24, .	1.2	9
60	Effects of Elevated Concentrations of Co-Existing Heavy Metals and PAHs in Soil on Phytoremediation. Journal of Hazardous, Toxic, and Radioactive Waste, 2020, 24, 04020035.	1.2	8
61	Index Properties, Hydraulic Conductivity and Contaminant-Compatibility of CMC-Treated Sodium Activated Calcium Bentonite. International Journal of Environmental Research and Public Health, 2020, 17, 1863.	1.2	16
62	Use of Nanoscale Zero-Valent Iron for Remediation of Clayey Soil Contaminated with Hexavalent Chromium: Batch and Column Tests. International Journal of Environmental Research and Public Health, 2020, 17, 1001.	1.2	20
63	Coal mine overburden soft shale as a controlled low strength material. International Journal of Mining, Reclamation and Environment, 2020, 34, 725-747.	1.2	16
64	Role of Temperature in Microbial Methane Oxidation in Landfill Cover Soil. , 2020, , .		0
65	Evaluating Uncertainty in Environmental Impacts from Life Cycle Assessment of Contaminated Site Remediation Options. , 2020, , .		1
66	SHMP-Amended Ca-Bentonite/Sand Backfill Barrier for Containment of Lead Contamination in Groundwater. International Journal of Environmental Research and Public Health, 2020, 17, 370.	1.2	14
67	Effect of pH on Methane Oxidation and Community Composition in Landfill Cover Soil. Journal of Environmental Engineering, ASCE, 2020, 146, .	0.7	23
68	Numerical Modeling of Landfill Processes: Complexity Versus Practicality. Lecture Notes in Civil Engineering, 2020, , 85-94.	0.3	1
69	Influence of nanoscale zero-valent iron on hydraulic conductivity of a residual clayey soil and modeling of the filtration parameter. Environmental Science and Pollution Research, 2020, 27, 9288-9296.	2.7	10
70	Consolidation and Hydraulic Conductivity of Soil-Bentonite Backfill Containing SHMP-Amended Ca-Bentonite in CCR-Impacted Groundwater. Lecture Notes in Civil Engineering, 2020, , 31-38.	0.3	0
71	Sustainability of Vertical Barriers for Environmental Containment. Lecture Notes in Civil Engineering, 2020, , 271-283.	0.3	2
72	Nanobioremediation of Soils Contaminated with Lindane: Overview and Research Challenges. Lecture Notes in Civil Engineering, 2020, , 195-205.	0.3	0

#	ARTICLE	IF	CITATIONS
73	A Zero Emissions Landfill: Turning Myth to Reality. Lecture Notes in Civil Engineering, 2020, , 243-251.	0.3	0
74	New Ternary Blend Limestone Calcined Clay Cement for Solidification/Stabilization of Pb ²⁺ Contaminated Soil. Lecture Notes in Civil Engineering, 2020, , 131-138.	0.3	1
75	Life cycle sustainability assessment of geothermal heating and cooling system: UIC case study. E3S Web of Conferences, 2020, 205, 07003.	0.2	5
76	Chemical Compatibility of Slurry Trench Cutoff Wall Backfills Comprised of SHMP-Amended Ca-Bentonites in Lead-Contaminated Solutions: Hydraulic Conductivity Assessment. Lecture Notes in Civil Engineering, 2020, , 365-371.	0.3	0
77	Effect of temperature on methane oxidation and community composition in landfill cover soil. Journal of Industrial Microbiology and Biotechnology, 2019, 46, 1283-1295.	1.4	27
78	Innovative Biogeochemical Cover to Mitigate Landfill Gas Emissions: Investigation of Controlling Parameters Based on Batch and Column Experiments. Environmental Processes, 2019, 6, 935-949.	1.7	10
79	Influence of sodium chloride on leaching behavior of fly ash stabilized with carbide lime. Construction and Building Materials, 2019, 227, 116571.	3.2	8
80	Retention of Pb and Cr(VI) onto slurry trench vertical cutoff wall backfill containing phosphate dispersant amended Ca-bentonite. Applied Clay Science, 2019, 168, 355-365.	2.6	26
81	New ternary blend limestone calcined clay cement for solidification/stabilization of zinc contaminated soil. Chemosphere, 2019, 235, 308-315.	4.2	39
82	Fundamental Research on Geochemical Processes for the Development of Resilient and Sustainable Geosystems. Springer Series in Geomechanics and Geoengineering, 2019, , 169-192.	0.0	0
83	Role of Geochemistry in Sustainable Geotechnics. Lecture Notes in Civil Engineering, 2019, , 1-15.	0.3	2
84	Understanding Speciation and Leaching of Heavy Metals from a Polluted Site, Surat, Gujarat. Lecture Notes in Civil Engineering, 2019, , 105-112.	0.3	0
85	Quantitative Assessment of Life Cycle Sustainability (QUALICS): Framework and its application to assess electrokinetic remediation. Chemosphere, 2019, 230, 92-106.	4.2	47
86	Chemical Analysis Procedures for Determining the Dispersion Behaviour of Red Mud. Lecture Notes in Civil Engineering, 2019, , 19-26.	0.3	5
87	Sequestration of Landfill Gas Emissions Using Basic Oxygen Furnace Slag: Effects of Moisture Content and Humid Gas Flow Conditions. Journal of Environmental Engineering, ASCE, 2019, 145, 04019033.	0.7	10
88	Shear Response of Interfaces in Liner System under Accelerated Degradation of MSW in Bioreactor Landfill. , 2019, , .		1
89	Effect of Moisture Content on CO ₂ Sequestration by BOF Slag in Landfill Cover. , 2019, , .		0
90	Application of Triple Bottom Line Sustainability Framework to Select Remediation Method at Industrial Contaminated Site. , 2019, , .		3

#	ARTICLE	IF	CITATIONS
91	Effect of basic oxygen furnace slag particle size on sequestration of carbon dioxide from landfill gas. Waste Management and Research, 2019, 37, 469-477.	2.2	10
92	Role of Landfill Cover Materials in Mitigating GHG Emissions in Biogeochemical Landfill Cover System. , 2019, , .		1
93	Effect of basic oxygen furnace slag type on carbon dioxide sequestration from landfill gas emissions. Waste Management, 2019, 85, 425-436.	3.7	19
94	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
95	Incorporating Thermal Effects in Modeling of MSW Landfills. Environmental Science and Engineering, 2019, , 10-17.	0.1	7
96	Phytoremediation of Field Soil with Mixed Contamination. Environmental Science and Engineering, 2019, , 624-629.	0.1	2
97	Identifying Active Methanotrophs and Mitigation of CH ₄ Emissions in Landfill Cover Soil. Environmental Science and Engineering, 2019, , 308-316.	0.1	3
98	Chemical Compatibility of CMC-Treated Bentonite Under Heavy Metal Contaminants and Landfill Leachate. Environmental Science and Engineering, 2019, , 421-429.	0.1	0
99	Toxicity Evaluation of Nano-Zero Valent Iron to Soil Indigenous Microorganisms. Environmental Science and Engineering, 2019, , 882-888.	0.1	2
100	Sorption of Lead to Slurry Trench Cutoff Wall Backfills Comprised of SHMP-Amended Ca-Bentonite. Environmental Science and Engineering, 2019, , 537-543.	0.1	0
101	Risk, Sustainability and Resiliency Considerations in Polluted Site Remediation. Environmental Science and Engineering, 2019, , 145-163.	0.1	0
102	Addressing Sustainable Technologies in Geotechnical and Geoenvironmental Engineering. Developments in Geotechnical Engineering, 2018, , 1-26.	0.6	8
103	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
104	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
105	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
106	Solidification and Stabilization of Heavy Metalâ€“Contaminated Industrial Site Soil Using KMP Binder. Journal of Materials in Civil Engineering, 2018, 30, .	1.3	24
107	Sustainable Utilization of Scrap Tire Derived Geomaterials for Geotechnical Applications. Indian Geotechnical Journal, 2018, 48, 251-266.	0.7	25
108	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

#	ARTICLE	IF	CITATIONS
109	System Effects on Bioreactor Landfill Performance Based on Coupled Hydro-Bio-Mechanical Modeling. Journal of Hazardous, Toxic, and Radioactive Waste, 2018, 22, .	1.2	20
110	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
111	Reliability assessment of bioreactor landfills using Monte Carlo simulation and coupled hydro-bio-mechanical model. Waste Management, 2018, 72, 329-338.	3.7	25
112	Influence of Vegetation on Long-term Phosphorus Sequestration in Subtropical Treatment Wetlands. Journal of Environmental Quality, 2018, 47, 361-370.	1.0	23
113	Sustainable Streetscape: Case of Lake Street in Downtown Oak Park, Illinois, USA. , 2018, , .		1
114	Quantitative Sustainability Assessment of Various Remediation Alternatives for Contaminated Lake Sediments: Case Study. Sustainability, 2018, 11, 307-321.	0.9	11
115	Sustainability Assessment of Concrete Mixtures for Pavements and Bridge Decks. , 2018, , .		0
116	Environmental Sustainability Assessment of Soil Amendments for Enhanced Phytoremediation. , 2018, , .		1
117	Performance of two novel binders to stabilize field soil with zinc and chloride: Mechanical properties, leachability and mechanisms assessment. Construction and Building Materials, 2018, 189, 1191-1199.	3.2	25
118	Reliability Analysis of Transport of Nanoscale Iron Particles in Saturated Porous Media. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2018, 144, .	1.5	3
119	Modeling Coupled Hydro-Bio-Mechanical Processes in Bioreactor Landfills: Framework and Validation. International Journal of Geomechanics, 2018, 18, .	1.3	26
120	Effects of Unsaturated Hydraulic Properties of Municipal Solid Waste on Moisture Distribution and Settlement in Bioreactor Landfills. , 2018, , .		2
121	Unsaturated Hydraulic Properties of Biochar and Biochar-Amended Soils for Landfill Covers. , 2018, , .		2
122	Biopolymer amendment for mitigating dispersive characteristics of red mud waste. Geotechnique Letters, 2018, 8, 201-207.	0.6	31
123	Field Pilot Scale Ex-Situ S/S of Electroplating Industrial Contaminated Soil Using Two Novel Binders. Springer Series in Geomechanics and Geoengineering, 2018, , 1269-1273.	0.0	1
124	Modeling Coupled Hydromechanical Behavior of Landfilled Waste in Bioreactor Landfills: Numerical Formulation and Validation. Journal of Hazardous, Toxic, and Radioactive Waste, 2017, 21, .	1.2	13
125	Horizontal trench system effects on leachate recirculation in bioreactor landfills. Geomechanics and Geoengineering, 2017, 12, 115-136.	0.9	5
126	Effect of Phosphate Dispersant Amendment on Workability of Ca-Bentonite Slurry for Slurry Trench Cutoff-Wall Construction. Indian Geotechnical Journal, 2017, 47, 445-452.	0.7	9

#	ARTICLE	IF	CITATIONS
127	Effects of biochar and wood pellets amendments added to landfill cover soil on microbial methane oxidation: A laboratory column study. <i>Journal of Environmental Management</i> , 2017, 193, 19-31.	3.8	44
128	Biostimulation and rainfall infiltration: influence on retention of biodiesel in residual clayey soil. <i>Environmental Science and Pollution Research</i> , 2017, 24, 9594-9604.	2.7	9
129	Field-Scale Phytoremediation of Mixed Contaminants in Upland Area of Big Marsh Site, Chicago, USA. <i>Indian Geotechnical Journal</i> , 2017, 47, 453-468.	0.7	2
130	Analysis of the Workability of Soil-Bentonite Slurry-Trench Cutoff Walls. , 2017, , .		1
131	Phytoremediation of Heavy Metals and PAHs in Alkaline Slag Fill at a Wet Meadow Site. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2017, 21, .	1.2	3
132	Numerical Modeling of the Shear Response of a Composite Liner System with Municipal Solid Waste Degradation in Landfills. , 2017, , .		4
133	Bioremediation of Soil Contaminated with Diesel and Biodiesel Fuel Using Biostimulation with Microalgae Biomass. <i>Journal of Environmental Engineering, ASCE</i> , 2017, 143, .	0.7	34
134	Modeling Coupled Processes in Municipal Solid Waste Landfills: An Overview with Key Engineering Challenges. <i>International Journal of Geosynthetics and Ground Engineering</i> , 2017, 3, 1.	0.9	37
135	Sustainability Assessment of Conventional and Alternate Landfill Cover Systems. , 2017, , .		5
136	Microbial Abundance and Activity in Biochar-Amended Landfill Cover Soils: Evidence from Large-Scale Column and Field Experiments. <i>Journal of Environmental Engineering, ASCE</i> , 2017, 143, .	0.7	38
137	Effects of Variable Site Conditions on Phytoremediation of Mixed Contaminants: Field-Scale Investigation at Big Marsh Site. <i>Journal of Environmental Engineering, ASCE</i> , 2017, 143, .	0.7	6
138	Reliability-Based Performance Assessment of Bioreactor Landfills Using Coupled Hydro-Bio-Mechanical Framework. , 2017, , .		0
139	Acid pond sediment and mine tailings contaminated with metals: physicochemical characterization and electrokinetic remediation. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	27
140	Influence of dynamic coupled hydro-bio-mechanical processes on response of municipal solid waste and liner system in bioreactor landfills. <i>Waste Management</i> , 2017, 63, 143-160.	3.7	46
141	Compatibility of Phosphate-Amended Ca-Bentonite Soil Backfill with Groundwater Impacted by Coal Ash Leachate. , 2017, , .		1
142	Permeable Reactive Filter Systems for the Treatment of Urban Stormwater Runoff with Mixed Pollutants. , 2017, , .		5
143	Field Evaluation of Switchgrass (<i>Panicum virgatur</i>) to Phytoremediate Mixed Contaminants at a Slag Fill Site. , 2017, , .		1
144	Special Issue on Issues and Challenges in Geoenvironmental Engineering. <i>Indian Geotechnical Journal</i> , 2017, 47, 393-394.	0.7	0

#	ARTICLE	IF	CITATIONS
145	Greenhouse Gas Emissions Under Different Drainage and Flooding Regimes of Cultivated Peatlands. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 3047-3062.	1.3	19
146	Impacts of presence of lead contamination on settling behavior and microstructure of clayey soil - calcium bentonite blends. <i>Applied Clay Science</i> , 2017, 142, 109-119.	2.6	29
147	Phosphate-amended sand/Ca-bentonite mixtures as slurry trench wall backfills: Assessment of workability, compressibility and hydraulic conductivity. <i>Applied Clay Science</i> , 2017, 142, 120-127.	2.6	34
148	Nanobioremediation: Integration of nanoparticles and bioremediation for sustainable remediation of chlorinated organic contaminants in soils. <i>International Biodeterioration and Biodegradation</i> , 2017, 119, 419-428.	1.9	159
149	Approaches to Selecting Sustainable Technologies for Remediation of Contaminated Sites: Case Studies. <i>Springer Transactions in Civil and Environmental Engineering</i> , 2017, , 271-306.	0.3	1
150	Geophysical Imaging of Landfill Interiors: Examples from Northern Illinois, USA. <i>Developments in Geotechnical Engineering</i> , 2017, , 1-11.	0.6	2
151	Sorptive Response of Chromium (Cr+6) and Mercury (Hg+2) From Aqueous Solutions Using Chemically Modified Soils. <i>Journal of Testing and Evaluation</i> , 2017, 45, 105-119.	0.4	17
152	Coupled Hydro-Biomechanical Modeling of Bioreactor Landfills: New Modeling Framework and Research Challenges. <i>Developments in Geotechnical Engineering</i> , 2017, , 313-321.	0.6	0
153	Efficacy of Lime Treatment on the Mercury Retention Characteristics of Semi Arid Soils. , 2016, , .		1
154	Influence of Physicochemical Factors on Biodiesel Retention in Clayey Residual Soil. <i>Journal of Environmental Engineering, ASCE</i> , 2016, 142, .	0.7	12
155	Lime-Amended Semi-arid Soils in Retaining Copper, Lead, and Zinc from Aqueous Solutions. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	1.1	17
156	Characterization of Heavy Metals in Mine Tailings and Lake Sediments: Implications on Remediation. , 2016, , .		1
157	Electrokinetic Removal of Heavy Metals from Mine Tailings and Acid Lake Sediments from Can Basin, Turkey. , 2016, , .		7
158	Hydraulic Conductivity of Phosphate-Amended Soil-Bentonite Backfills. , 2016, , .		4
159	Influence of Iron Nanoparticle Concentration on the Hydraulic Conductivity of a Residual Clayey Soil. , 2016, , .		4
160	Ground-Penetrating Radar (GPR) Surveys and Geophysical Well Logs at a Leachate-Recirculation Landfill, Northern Illinois. , 2016, , .		2
161	Evaluation of Prototype Geosynthetic Clay Liners in Landfill Cover Applications. , 2016, , .		1
162	A Soil-Bentonite Slurry Wall for the Containment of CCR-Impacted Groundwater. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
163	Assessing the applicability of phytoremediation of soils with mixed organic and heavy metal contaminants. <i>Reviews in Environmental Science and Biotechnology</i> , 2016, 15, 299-326.	3.9	114
164	Experimental and statistical evaluation of compressibility of fresh and landfilled municipal solid waste under elevated moisture contents. <i>International Journal of Geotechnical Engineering</i> , 2016, 10, 86-98.	1.1	17
165	Microbial genetic and enzymatic responses to an anthropogenic phosphorus gradient within a subtropical peatland. <i>Geoderma</i> , 2016, 268, 119-127.	2.3	30
166	Effect of carbonation on leachability, strength and microstructural characteristics of KMP binder stabilized Zn and Pb contaminated soils. <i>Chemosphere</i> , 2016, 144, 1033-1042.	4.2	64
167	Review of the Effects of Biochar Amendment on Soil Properties and Carbon Sequestration. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2016, 20, .	1.2	63
168	Characterization and Surface Analysis of Commercially Available Biochars for Geoenvironmental Applications. , 2015, , .		2
169	Design of horizontal trenches for leachate recirculation in bioreactor landfills using two-phase modelling. <i>International Journal of Environment and Waste Management</i> , 2015, 15, 347.	0.2	10
170	Influence of Physico-Chemical Properties of Different Biochars on Landfill Methane Adsorption. , 2015, , .		4
171	Evaluation of Legacy Phosphorus Storage and Release from Wetland Soils. <i>Journal of Environmental Quality</i> , 2015, 44, 1956-1964.	1.0	23
172	Adsorption and transport of methane in biochars derived from waste wood. <i>Waste Management</i> , 2015, 43, 218-229.	3.7	58
173	Review of biological diagnostic tools and their applications in geoenvironmental engineering. <i>Reviews in Environmental Science and Biotechnology</i> , 2015, 14, 161-194.	3.9	16
174	Electrokinetic Amendment in Phytoremediation of Mixed Contaminated Soil. <i>Electrochimica Acta</i> , 2015, 181, 179-191.	2.6	90
175	Impacts of presence of lead contamination in clayey soil in calcium bentonite cutoff wall backfills. <i>Applied Clay Science</i> , 2015, 108, 111-122.	2.6	89
176	Slope stability of bioreactor landfills during leachate injection: Effects of geometric configurations of horizontal trench systems. <i>Geomechanics and Geoengineering</i> , 2015, 10, 126-138.	0.9	15
177	Sustainability Assessment of Two Alternate Earth-Retaining Structures. , 2015, , .		11
178	Adsorption and transport of methane in landfill cover soil amended with waste-wood biochars. <i>Journal of Environmental Management</i> , 2015, 158, 11-23.	3.8	63
179	Workability, compressibility and hydraulic conductivity of zeolite-amended clayey soil/calcium-bentonite backfills for slurry-trench cutoff walls. <i>Engineering Geology</i> , 2015, 195, 258-268.	2.9	95
180	Environmental geotechnics in the US region: a brief overview. <i>Environmental Geotechnics</i> , 2015, 2, 319-325.	1.3	9

#	ARTICLE	IF	CITATIONS
181	Soil and phosphorus accretion rates in sub-tropical wetlands: Everglades Stormwater Treatment Areas as a case example. <i>Science of the Total Environment</i> , 2015, 533, 297-306.	3.9	28
182	Effects of biochar amendment on geotechnical properties of landfill cover soil. <i>Waste Management and Research</i> , 2015, 33, 524-532.	2.2	99
183	Two-Phase Modeling of Leachate Recirculation Using Drainage Blankets in Bioreactor Landfills. <i>Environmental Modeling and Assessment</i> , 2015, 20, 475-490.	1.2	16
184	Plant Species Identification for Phytoremediation of Mixed Contaminated Soils. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2015, 19, .	1.2	20
185	Engineering properties of waste wood-derived biochars and biochar-amended soils. <i>International Journal of Geotechnical Engineering</i> , 2015, 9, 521-535.	1.1	35
186	Review of Nanotechnology for Soil and Groundwater Remediation: Brazilian Perspectives. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	72
187	Phytoremediation of Mixed Contaminated Soils: Enhancement with Biochar and Compost Amendments. , 2015, , .		6
188	Biomass and chemical amendments for enhanced phytoremediation of mixed contaminated soils. <i>Ecological Engineering</i> , 2015, 85, 265-274.	1.6	82
189	Effects of Degradation on Geotechnical Properties of Municipal Solid Waste from Orchard Hills Landfill, USA. <i>International Journal of Geosynthetics and Ground Engineering</i> , 2015, 1, 1.	0.9	33
190	Effects of freeze-thaw on characteristics of new KMP binder stabilized Zn- and Pb-contaminated soils. <i>Environmental Science and Pollution Research</i> , 2015, 22, 19473-19484.	2.7	57
191	Effects of Demolishing the Deep Excavation Support System Used for Tall Building Construction on Adjacent Metro Line: Modeling and Field Comparison. , 2015, , .		3
192	Physical and chemical characterization of waste wood derived biochars. <i>Waste Management</i> , 2015, 36, 256-268.	3.7	297
193	Characteristics and Applications of Biochar for Environmental Remediation: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 939-969.	6.6	362
194	Design of Vertical Wells for Leachate Recirculation in Bioreactor Landfills Using Two-Phase Modeling. <i>Journal of Solid Waste Technology and Management</i> , 2015, 41, 203-218.	0.2	8
195	Forms of organic phosphorus in wetland soils. <i>Biogeosciences</i> , 2014, 11, 6697-6710.	1.3	23
196	LCA and Sustainability Assessment for Selecting Deep Foundation System for High-Rise Buildings. , 2014, , .		8
197	Social Sustainability Evaluation Matrix (SSEM) to Quantify Social Aspects of Sustainable Remediation. , 2014, , .		24
198	Effects of Heterogeneous and Anisotropic Properties of Municipal Solid Waste on Leachate Distribution and Slope Stability of Bioreactor Landfills. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
199	Synergistic Effects of Organic and Metal Contaminants on Phytoremediation. , 2014, , .		4
200	Effects of Biochar-Amendment to Landfill Cover Soil on Microbial Methane Oxidation: Initial Results. , 2014, , .		10
201	Sustainability Assessment of Subtitle D Cover versus Biocover for Methane Oxidation at Municipal Solid Waste Landfills. , 2014, , .		1
202	Effects of Amendment of Biochar Produced from Woody Biomass on Soil Quality and Crop Yield. , 2014, , .		2
203	Sustainability Assessment of Excavation and Disposal versus In Situ Stabilization of Heavy Metal-Contaminated Soil at a Superfund Site in Illinois. , 2014, , .		5
204	Transport of Lactate-Modified Nanoscale Iron Particles in Porous Media. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2014, 140, 04013013.	1.5	15
205	Quantifying the Effects of Moisture Content on Transport and Adsorption of Methane through Biochar in Landfills. , 2014, , .		6
206	Slope Stability of Bioreactor Landfill with Leachate Recirculation Using Horizontal Trench System. , 2014, , .		3
207	Phytoremediation of Mixed Contaminated Soils-Effects of Initial Concentrations. , 2014, , .		4
208	Evaluation of PAH and Metal Contents of Different Biochars for Use in Climate Change Mitigation Systems. , 2014, , .		7
209	Transport and Reactivity of Lactate-Modified Nanoscale Iron Particles for Remediation of DNT in Subsurface Soils. Journal of Environmental Engineering, ASCE, 2014, 140, 04014042.	0.7	20
210	PAHs Removal from Urban Storm Water Runoff by Different Filter Materials. Journal of Hazardous, Toxic, and Radioactive Waste, 2014, 18, 04014008.	1.2	16
211	Enhanced Microbial Methane Oxidation in Landfill Cover Soil Amended with Biochar. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2014, 140, .	1.5	114
212	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
213	Slope stability of bioreactor landfills during leachate injection: Effects of unsaturated hydraulic properties of municipal solid waste. International Journal of Geotechnical Engineering. 2014, 8, 144-156.	1.1	18
214	Mixed-Media Filter System for Removal of Multiple Contaminants from Urban Storm Water: Large-Scale Laboratory Testing. Journal of Hazardous, Toxic, and Radioactive Waste, 2014, 18, .	1.2	21
215	Influence of Spatially Variable Geotechnical Properties of MSW on Stability of Landfill Slopes. Journal of Hazardous, Toxic, and Radioactive Waste, 2014, 18, 27-37.	1.2	33
216	Nutrients Removal from Urban Stormwater by Different Filter Materials. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	31

#	ARTICLE	IF	CITATIONS
217	Compressibility of cement-stabilized zinc-contaminated high plasticity clay. <i>Natural Hazards</i> , 2014, 73, 671-683.	1.6	7
218	Landfill methane oxidation in soil and bio-based cover systems: a review. <i>Reviews in Environmental Science and Biotechnology</i> , 2014, 13, 79-107.	3.9	115
219	Removal of heavy metals from urban stormwater runoff using different filter materials. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 282-292.	3.3	135
220	Effect of acid rain pH on leaching behavior of cement stabilized lead-contaminated soil. <i>Journal of Hazardous Materials</i> , 2014, 271, 131-140.	6.5	239
221	Kinetic Energy Method for Predicting Initiation of Backward Erosion in Earthen Dams and Levees. <i>Environmental and Engineering Geoscience</i> , 2014, 20, 85-97.	0.3	8
222	Slope stability of bioreactor landfills during leachate injection: Effects of heterogeneous and anisotropic municipal solid waste conditions. <i>Waste Management and Research</i> , 2014, 32, 186-197.	2.2	38
223	Compressibility and hydraulic conductivity of clayey soil mixed with calcium bentonite for slurry wall backfill: Initial assessment. <i>Applied Clay Science</i> , 2014, 101, 119-127.	2.6	67
224	New phosphate-based binder for stabilization of soils contaminated with heavy metals: Leaching, strength and microstructure characterization. <i>Journal of Environmental Management</i> , 2014, 146, 179-188.	3.8	132
225	Design of drainage blankets for leachate recirculation in bioreactor landfills using two-phase flow modeling. <i>Computers and Geotechnics</i> , 2014, 62, 77-89.	2.3	18
226	Design Charts for Selecting Minimum Setback Distance from Side Slope to Horizontal Trench System in Bioreactor Landfills. <i>Geotechnical and Geological Engineering</i> , 2014, 32, 1017-1027.	0.8	12
227	Adsorption of mixtures of nutrients and heavy metals in simulated urban stormwater by different filter materials. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014, 49, 524-539.	0.9	37
228	Evolution of geoenvironmental engineering. <i>Environmental Geotechnics</i> , 2014, 1, 136-141.	1.3	17
229	Validation of Two-Phase Flow Model for Leachate Recirculation in Bioreactor Landfills. <i>Journal of Waste Management</i> , 2014, 2014, 1-24.	0.5	7
230	Green and Sustainable Remedial Strategy for Contaminated Site: Case Study. <i>Geotechnical and Geological Engineering</i> , 2013, 31, 1653-1661.	0.8	25
231	Effects of Periodic Electric Potential and Electrolyte Recirculation on Electrochemical Remediation of Contaminant Mixtures in Clayey Soils. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	30
232	Enhanced Sequential Flushing Process for Removal of Mixed Contaminants from Soils. <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	8
233	Electrokinetic-enhanced phytoremediation of soils: Status and opportunities. <i>Chemosphere</i> , 2013, 93, 626-636.	4.2	166
234	Effect of Dispersant on Transport of Nanoscale Iron Particles in Soils: Zeta Potential Measurements and Column Experiments. <i>Journal of Environmental Engineering, ASCE</i> , 2013, 139, 23-33.	0.7	14

#	ARTICLE	IF	CITATIONS
235	Efficacy of Fine-Grained Soil as Landfill Liner Material for Containment of Chrome Tannery Sludge. <i>Geotechnical and Geological Engineering</i> , 2013, 31, 493-500.	0.8	21
236	Approach for the use of MSW settlement predictions in the assessment of landfill capacity based on reliability analysis. <i>Waste Management</i> , 2013, 33, 2029-2034.	3.7	8
237	Electrokinetic Delivery and Activation of Persulfate for Oxidation of PCBs in Clayey Soils. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2013, 139, 175-184.	1.5	24
238	Two-Phase Modeling of Leachate Recirculation Using Vertical Wells in Bioreactor Landfills. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2013, 17, 272-284.	1.2	38
239	Influence of Spatial Variation of Hydraulic Conductivity of Municipal Solid Waste on Performance of Bioreactor Landfill. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2013, 139, 1968-1972.	1.5	11
240	Special Issue on Bioreactor Landfills. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2013, 17, 252-252.	1.2	0
241	Seismic Imaging of a Leachate-Recirculation Landfill: Spatial Changes in Dynamic Properties of Municipal Solid Waste. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2013, 17, 331-341.	1.2	17
242	Electrokinetic remediation of soils at complex contaminated sites. , 2013, , 131-147.		17
243	Transport and Reactivity of Lactate-Modified Nanoscale Iron Particles in PCP-Contaminated Soils. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2012, 16, 68-74.	1.2	11
244	Experimental Study on Chromium Containment by Admixed Soil Liner. <i>Journal of Environmental Engineering, ASCE</i> , 2012, 138, 1048-1057.	0.7	14
245	Settlement Analysis of MSW Based on Constitutive Modeling Approach. , 2012, , .		1
246	Experimental investigation of initiation of backward erosion piping in soils. <i>Geotechnique</i> , 2012, 62, 933-942.	2.2	104
247	Effect of soil composition on electrokinetically enhanced persulfate oxidation of polychlorobiphenyls. <i>Electrochimica Acta</i> , 2012, 86, 164-169.	2.6	57
248	Development and enhancement of electro-osmotic flow for the removal of contaminants from soils. <i>Electrochimica Acta</i> , 2012, 86, 10-22.	2.6	125
249	Moisture Distribution in Bioreactor Landfills: A Review. <i>Indian Geotechnical Journal</i> , 2012, 42, 125-149.	0.7	10
250	Temperature sensitivity of greenhouse gas production in wetland soils of different vegetation. <i>Biogeochemistry</i> , 2012, 108, 77-90.	1.7	157
251	State of the Practice of Characterization and Remediation of Contaminated Sites. , 2012, , .		2
252	Sustainable storm water management - An evaluation of depression storage effect on peak flow. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
253	Enhanced Soil Flushing for Simultaneous Removal of PAHs and Heavy Metals from Industrial Contaminated Soil. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2011, 15, 166-174.	1.2	31
254	Phosphorous Cycling in the Greater Everglades Ecosystem: Legacy Phosphorous Implications for Management and Restoration. <i>Critical Reviews in Environmental Science and Technology</i> , 2011, 41, 149-186.	6.6	113
255	Modeling of Heavy Metals Transport in High Acid Buffering Soil during Electrokinetic Remediation. , 2011, , .		2
256	Biogeochemistry and Water Quality of the Everglades: Symposium Overview. <i>Critical Reviews in Environmental Science and Technology</i> , 2011, 41, 1-3.	6.6	14
257	Effect of Leachate Recirculation and Extent of Degradation on the Stability of Bioreactor Landfill Slopes. , 2011, , .		1
258	Waste Characterization. , 2011, , .		0
259	An evaluation of the impact of <i>Melaleuca quinquenervia</i> invasion and management on plant community structure after fire. <i>Aquatic Botany</i> , 2011, 95, 287-291.	0.8	8
260	Geotechnical properties of municipal solid waste at different phases of biodegradation. <i>Waste Management</i> , 2011, 31, 2275-2286.	3.7	124
261	Remediation of Chlorinated Solvent Plumes Using In-Situ Air Spargingâ€™ A 2-D Laboratory Study. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 2226-2239.	1.2	11
262	Refuse Conductivity Variations Following Leachate Injection in a Bioreactor Landfill Cell: Modeling EM Results and Comparison with Well Logs. , 2011, , .		0
263	Effects of Unsaturated Hydraulic Properties of Municipal Solid Waste on Moisture Distribution in Bioreactor Landfills. , 2011, , .		1
264	Heterotrophic microbial activity in lake sediments: effects of organic electron donors. <i>Biogeochemistry</i> , 2011, 104, 165-181.	1.7	30
265	Electrokinetic Remediation of Pentachlorophenol Contaminated Clay Soil. <i>Water, Air, and Soil Pollution</i> , 2011, 221, 35-44.	1.1	50
266	Two-dimensional transport of lactate-modified nanoscale iron particles in porous media. , 2011, 21, 45-72.		6
267	Electrokinetic-enhanced transport of lactate-modified nanoscale iron particles for degradation of dinitrotoluene in clayey soils. <i>Separation and Purification Technology</i> , 2011, 79, 230-237.	3.9	48
268	Parametric study of MSW landfill settlement model. <i>Waste Management</i> , 2011, 31, 1222-1231.	3.7	23
269	Special Issue on Contaminant Mixtures: Fate, Transport, and Remediation. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2011, 15, 128-129.	1.2	9
270	Electrokinetic Remediation of Chlorinated Aromatic and Nitroaromatic Organic Contaminants in Clay Soil. <i>Environmental Engineering Science</i> , 2011, 28, 405-413.	0.8	23

#	ARTICLE	IF	CITATIONS
271	Integrated electrokinetic-soil flushing to remove mixed organic and metal contaminants. Journal of Applied Electrochemistry, 2010, 40, 1269-1279.	1.5	39
272	Destruction of PCB 44 in Spiked Subsurface Soils Using Activated Persulfate Oxidation. Water, Air, and Soil Pollution, 2010, 209, 419-427.	1.1	17
273	Sulfur-induced changes in phosphorus distribution in Everglades Agricultural Area soils. Nutrient Cycling in Agroecosystems, 2010, 87, 127-135.	1.1	7
274	Technical Challenges to In-situ Remediation of Polluted Sites. Geotechnical and Geological Engineering, 2010, 28, 211-221.	0.8	84
275	Reactivity of lactate-modified nanoscale iron particles with 2,4-dinitrotoluene in soils. Journal of Hazardous Materials, 2010, 182, 177-183.	6.5	27
276	Constitutive model for municipal solid waste incorporating mechanical creep and biodegradation-induced compression. Waste Management, 2010, 30, 11-22.	3.7	62
277	Reactivity of Aluminum Lactate-Modified Nanoscale Iron Particles with Pentachlorophenol in Soils. Environmental Engineering Science, 2010, 27, 861-869.	0.8	11
278	Beneficial Use of Shredded Tires as Drainage Material in Cover Systems for Abandoned Landfills. Practice Periodical of Hazardous, Toxic and Radioactive Waste Management, 2010, 14, 47-60.	0.4	37
279	Influence of military land uses on soil carbon dynamics in forest ecosystems of Georgia, USA. Ecological Indicators, 2010, 10, 905-909.	2.6	17
280	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
281	True Triaxial Piping Test Apparatus for Evaluation of Piping Potential in Earth Structures. Geotechnical Testing Journal, 2010, 33, 83-95.	0.5	22
282	Sequestration of heavy metals in soils from two polluted industrial sites: implications for remediation. Land Contamination and Reclamation, 2010, 18, 13-23.	0.4	24
283	Development of Indices to Predict Phosphorus Release from Wetland Soils. Journal of Environmental Quality, 2009, 38, 878-886.	1.0	21
284	Fenton-Like Oxidation of Polycyclic Aromatic Hydrocarbons in Soils Using Electrokinetics. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2009, 135, 1429-1439.	1.5	24
285	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
286	Land Use Effects on Soil Nutrient Cycling and Microbial Community Dynamics in the Everglades Agricultural Area, Florida. Communications in Soil Science and Plant Analysis, 2009, 40, 2725-2742.	0.6	37
287	Sequential Electrokinetic Remediation of Mixed Contaminants in Low Permeability Soils. Journal of Environmental Engineering, ASCE, 2009, 135, 989-998.	0.7	58
288	Periphyton nitrogenase activity as an indicator of wetland eutrophication: spatial patterns and response to phosphorus dosing in a northern Everglades ecosystem. Wetlands Ecology and Management, 2009, 17, 131-144.	0.7	25

#	ARTICLE	IF	CITATIONS
289	Spatial monitoring of a non-stationary soil property: phosphorus in a Florida water conservation area. <i>European Journal of Soil Science</i> , 2009, 60, 757-769.	1.8	46
290	Discriminant analysis of biogeochemical indicators of nutrient enrichment in a Florida wetland. <i>European Journal of Soil Science</i> , 2009, 60, 974-981.	1.8	8
291	Geotechnical properties of fresh municipal solid waste at Orchard Hills Landfill, USA. <i>Waste Management</i> , 2009, 29, 952-959.	3.7	172
292	Particle morphology and mineral structure of heavy metal-contaminated kaolin soil before and after electrokinetic remediation. <i>Journal of Hazardous Materials</i> , 2009, 165, 548-557.	6.5	18
293	Hydraulic Conductivity of MSW in Landfills. <i>Journal of Environmental Engineering, ASCE</i> , 2009, 135, 677-683.	0.7	99
294	Surfactant-enhanced Electrokinetic Remediation of Mixed Contamination in Low Permeability Soil. <i>Separation Science and Technology</i> , 2009, 44, 2385-2409.	1.3	74
295	Soil properties as indicators of disturbance in forest ecosystems of Georgia, USA. <i>Ecological Indicators</i> , 2009, 9, 740-747.	2.6	18
296	Patterns of heterotrophic microbial activity in eutrophic and oligotrophic peatlands. <i>European Journal of Soil Biology</i> , 2009, 45, 131-137.	1.4	17
297	Geotechnical properties of synthetic municipal solid waste. <i>International Journal of Geotechnical Engineering</i> , 2009, 3, 429-438.	1.1	41
298	Evaluating Management Options for the Disposal of Dredged Sediments. <i>Journal of ASTM International</i> , 2009, 6, 1-14.	0.2	3
299	Catabolic diversity of periphyton and detritus microbial communities in a subtropical wetland. <i>Biogeochemistry</i> , 2008, 89, 199-207.	1.7	14
300	Cosolvent-enhanced Desorption and Transport of Heavy Metals and Organic Contaminants in Soils during Electrokinetic Remediation. <i>Water, Air, and Soil Pollution</i> , 2008, 189, 199-211.	1.1	59
301	Geochemical assessment of metal transport in glacial till during electrokinetic remediation. <i>Environmental Monitoring and Assessment</i> , 2008, 139, 137-149.	1.3	12
302	Temporal trajectories of phosphorus and pedo-patterns mapped in Water Conservation Area 2, Everglades, Florida, USA. <i>Geoderma</i> , 2008, 146, 1-13.	2.3	25
303	Transient behavior of heavy metals in soils during electrokinetic remediation. <i>Chemosphere</i> , 2008, 71, 860-871.	4.2	100
304	Extractants for the Removal of Mixed Contaminants from Soils. <i>Soil and Sediment Contamination</i> , 2008, 17, 586-608.	1.1	63
305	Effect of oxidant dosage on integrated electrochemical remediation of contaminant mixtures in soils. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2008, 43, 881-893.	0.9	26
306	Electrokinetic Remediation Modeling Incorporating Geochemical Effects. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2008, 134, 91-105.	1.5	62

#	ARTICLE	IF	CITATIONS
307	Clogging potential of tire-shred drainage layer in landfill cover systems. International Journal of Geotechnical Engineering, 2008, 2, 407-418.	1.1	9
308	Transport of Lactate-Modified Nanoscale Iron Particles in Sand Columns. , 2008, , .		0
309	Geotechnical Properties of Municipal Solid Waste Subjected to Leachate Recirculation. , 2008, , .		12
310	Experimental Investigation of Piping Potential in Earthen Structures. , 2008, , .		15
311	Comparison of Extractants for Removal of Lead, Zinc, and Phenanthrene from Manufactured Gas Plant Field Soil. Practice Periodical of Hazardous, Toxic and Radioactive Waste Management, 2008, 12, 230-238.	0.4	11
312	Removal and Degradation of Pentachlorophenol in Clayey Soil Using Nanoscale Iron Particles. , 2008, , .		7
313	Transport and Speciation of Heavy Metals in Soils during Electrokinetic Remediation: Influence of Soil Type and Electric Potential. , 2008, , .		1
314	Investigating the Interior of a Landfill Cell with Leachate Injection Using Electromagnetic Conductivity and Ground-Penetrating Radar Surveys. , 2008, , .		7
315	Spatial Behavior of Phosphorus and Nitrogen in a Subtropical Wetland. Soil Science Society of America Journal, 2008, 72, 1174-1183.	1.2	9
316	Phosphorus Sorbing Materials: Sorption Dynamics and Physicochemical Characteristics. Journal of Environmental Quality, 2008, 37, 174-181.	1.0	83
317	Physical and Chemical Groundwater Remediation Technologies. , 2008, , 257-274.		14
318	Investigating The Interior Of A Landfill Cell With Leachate Injection Using Electromagnetic Conductivity And Ground-Penetrating Radar Surveys. , 2008, , .		4
319	Enhanced Aquifer Recharge. , 2008, , 275-288.		3
320	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
321	Correlation Between Electrical Resistivity and Moisture Content of Municipal Solid Waste in Bioreactor Landfill. , 2007, , 1.		14
322	Soil Biogeochemical Characteristics Influenced by Alum Application in a Municipal Wastewater Treatment Wetland. Journal of Environmental Quality, 2007, 36, 1904-1913.	1.0	37
323	Soil microbial eco-physiological response to nutrient enrichment in a sub-tropical wetland. Ecological Indicators, 2007, 7, 277-289.	2.6	65
324	Substrate-Induced Respiration for Phosphorus-Enriched and Oligotrophic Peat Soils in an Everglades Wetland. Soil Science Society of America Journal, 2007, 71, 1579-1583.	1.2	23

#	ARTICLE	IF	CITATIONS
325	Modeling of the spatial variability of biogeochemical soil properties in a freshwater ecosystem. <i>Ecological Modelling</i> , 2007, 201, 521-535.	1.2	34
326	Recent Changes in Soil Total Phosphorus in the Everglades: Water Conservation Area 3. <i>Environmental Monitoring and Assessment</i> , 2007, 129, 379-395.	1.3	38
327	Increased soil stable nitrogen isotopic ratio following phosphorus enrichment: historical patterns and tests of two hypotheses in a phosphorus-limited wetland. <i>Oecologia</i> , 2007, 153, 99-109.	0.9	39
328	Critical appraisal of piping phenomena in earth dams. <i>Bulletin of Engineering Geology and the Environment</i> , 2007, 66, 381-402.	1.6	291
329	Overestimation of Organic Phosphorus in Wetland Soils by Alkaline Extraction and Molybdate Colorimetry. <i>Environmental Science & Technology</i> , 2006, 40, 3349-3354.	4.6	64
330	<i>Typha latifolia</i> and <i>Cladium jamaicense</i> litter decay in response to exogenous nutrient enrichment. <i>Aquatic Botany</i> , 2006, 84, 70-78.	0.8	60
331	Simultaneous removal of organic compounds and heavy metals from soils by electrokinetic remediation with a modified cyclodextrin. <i>Chemosphere</i> , 2006, 63, 1022-1031.	4.2	134
332	Assessment of the Spatial Distribution of Soil Properties in a Northern Everglades Marsh. <i>Journal of Environmental Quality</i> , 2006, 35, 938-949.	1.0	69
333	Microbial Indicators of Nutrient Enrichment. <i>Soil Science Society of America Journal</i> , 2006, 70, 1652-1661.	1.2	10
334	Sediment Inventory and Phosphorus Fractions for Water Conservation Area Canals in the Everglades. <i>Soil Science Society of America Journal</i> , 2006, 70, 863-871.	1.2	40
335	Electrokinetic delivery of permanganate into low-permeability soils. <i>International Journal of Environment and Waste Management</i> , 2006, 1, 4.	0.2	23
336	Spatial Patterns of Labile Forms of Phosphorus in a Subtropical Wetland. <i>Journal of Environmental Quality</i> , 2006, 35, 378-389.	1.0	37
337	Hydrologic and Vegetation Effects on Water Column Phosphorus in Wetland Mesocosms. <i>Soil Science Society of America Journal</i> , 2006, 70, 1242-1251.	1.2	54
338	Syntrophic-archaeal associations in a nutrient-impacted freshwater marsh. <i>Journal of Applied Microbiology</i> , 2006, 100, 73-84.	1.4	19
339	Enhanced electrokinetic remediation of contaminated manufactured gas plant soil. <i>Engineering Geology</i> , 2006, 85, 132-146.	2.9	93
340	Electroosmotic dewatering of dredged sediments: Bench-scale investigation. <i>Journal of Environmental Management</i> , 2006, 78, 200-208.	3.8	70
341	Adsorption of heavy metals in glacial till soil. <i>Geotechnical and Geological Engineering</i> , 2006, 24, 1679-1693.	0.8	24
342	Geochemical Reconnaissance of Heavy Metals in Kaolin after Electrokinetic Remediation. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2006, 41, 17-33.	0.9	7

#	ARTICLE	IF	CITATIONS
343	Cyclodextrin-Enhanced Electrokinetic Remediation of Soils Contaminated with 2,4-Dinitrotoluene. <i>Journal of Environmental Engineering, ASCE</i> , 2006, 132, 1043-1050.	0.7	21
344	Effect of voltage gradient on integrated electrochemical remediation of contaminant mixtures. <i>Land Contamination and Reclamation</i> , 2006, 14, 685-698.	0.4	26
345	Microscopic examination of photoautotrophic and phosphatase-producing organisms in phosphorus-limited Everglades periphyton mats. <i>Limnology and Oceanography</i> , 2005, 50, 2057-2062.	1.6	22
346	Slope Failure of Embankment Dam under Extreme Flooding Conditions: Comparison of Limit Equilibrium and Continuum Models. , 2005, , 1.		5
347	A WebGIS and geodatabase for Florida's wetlands. <i>Computers and Electronics in Agriculture</i> , 2005, 47, 69-75.	3.7	53
348	Effect of different extraction agents on metal and organic contaminant removal from a field soil. <i>Journal of Hazardous Materials</i> , 2005, 117, 15-24.	6.5	122
349	Surface Speciation Modeling of Heavy Metals in Kaolin: Implications for Electrokinetic Soil Remediation Processes. <i>Adsorption</i> , 2005, 11, 529-546.	1.4	42
350	Litter Decomposition and Nutrient Dynamics in a Phosphorus Enriched Everglades Marsh. <i>Biogeochemistry</i> , 2005, 75, 217-240.	1.7	87
351	Surfactant-enhanced electrokinetic remediation of polycyclic aromatic hydrocarbons in heterogeneous subsurface environments. <i>Journal of Environmental Engineering and Science</i> , 2005, 4, 327-339.	0.3	57
352	Internal Nutrient Loads from Sediments in a Shallow, Subtropical Lake. <i>Lake and Reservoir Management</i> , 2005, 21, 338-349.	0.4	57
353	Distribution and Stability of Sulfate-Reducing Prokaryotic and Hydrogenotrophic Methanogenic Assemblages in Nutrient-Impacted Regions of the Florida Everglades. <i>Applied and Environmental Microbiology</i> , 2005, 71, 2695-2704.	1.4	40
354	Electrokinetically Enhanced Remediation of Hydrophobic Organic Compounds in Soils: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2005, 35, 115-192.	6.6	203
355	Electrokinetic Remediation of Metal-Contaminated Field Soil. <i>Separation Science and Technology</i> , 2005, 40, 1701-1720.	1.3	26
356	Microbial Enzyme Activities in a Freshwater Marsh after Cessation of Nutrient Loading. <i>Soil Science Society of America Journal</i> , 2004, 68, 1796-1804.	1.2	41
357	The Reduction of Internal Phosphorus Loading Using Alum in Spring Lake, Michigan. <i>Journal of Environmental Quality</i> , 2004, 33, 2040-2048.	1.0	52
358	Nitrogen and Phosphorus Flux Rates from Sediment in the Lower St. Johns River Estuary. <i>Journal of Environmental Quality</i> , 2004, 33, 1545-1555.	1.0	87
359	Complicating Factors of Using Ethylenediamine Tetraacetic Acid to Enhance Electrokinetic Remediation of Multiple Heavy Metals in Clayey Soils. <i>Journal of Environmental Engineering, ASCE</i> , 2004, 130, 1357-1366.	0.7	62
360	Enhanced Electrokinetic Remediation of Heavy Metals in Glacial Till Soils Using Different Electrolyte Solutions. <i>Journal of Environmental Engineering, ASCE</i> , 2004, 130, 442-455.	0.7	97

#	ARTICLE	IF	CITATIONS
361	Evaluation of Different Slurry Materials for Containment Wall Construction at a Dense Nonaqueous Phase Liquid-Contaminated Site. Practice Periodical of Hazardous, Toxic and Radioactive Waste Management, 2004, 8, 173-180.	0.4	2
362	Syntrophic-Methanogenic Associations along a Nutrient Gradient in the Florida Everglades. Applied and Environmental Microbiology, 2004, 70, 3475-3484.	1.4	52
363	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
364	Evaluation of surfactants/cosolvents for desorption/solubilization of Phenanthrene in clayey soils. International Journal of Environmental Studies, 2004, 61, 587-604.	0.7	45
365	Periphyton chemistry and nitrogenase activity in a northern Everglades ecosystem. Biogeochemistry, 2004, 67, 213-233.	1.7	54
366	Influence of hydrologic regime and vegetation on phosphorus retention in Everglades stormwater treatment area wetlands. Hydrological Processes, 2004, 18, 343-355.	1.1	56
367	Removal of Nickel and Phenanthrene from Kaolin Soil Using Different Extractants. Environmental Engineering Science, 2004, 21, 691-704.	0.8	91
368	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
369	Response of Biogeochemical Indicators to a Drawdown and Subsequent Reflood. Journal of Environmental Quality, 2004, 33, 2357-2366.	1.0	72
370	Remediation of DNAPL source zones in groundwater using air sparging. Land Contamination and Reclamation, 2004, 12, 67-83.	0.4	11
371	Extent of Benzene Biodegradation in Saturated Soil Column During Air Sparging. Ground Water Monitoring and Remediation, 2003, 23, 85-94.	0.6	37
372	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
373	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
374	Biotic and abiotic uptake of phosphorus by periphyton in a subtropical freshwater wetland. Aquatic Botany, 2003, 77, 203-222.	0.8	95
375	Effect of pH control at the anode for the electrokinetic removal of phenanthrene from kaolin soil. Chemosphere, 2003, 51, 273-287.	4.2	217
376	Potential internal loading of phosphorus in a wetland constructed in agricultural land. Water Research, 2003, 37, 965-972.	5.3	112
377	Effects of initial form of chromium on electrokinetic remediation in clays. Journal of Environmental Management, 2003, 7, 353-365.	1.7	68
378	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

#	ARTICLE	IF	CITATIONS
379	Iodide-Enhanced Electrokinetic Remediation of Mercury-Contaminated Soils. <i>Journal of Environmental Engineering, ASCE</i> , 2003, 129, 1137-1148.	0.7	40
380	Nutrient Amendment for the Bioremediation of a Chromium-Contaminated Soil by Electrokinetics. <i>Energy Sources Part A Recovery, Utilization, and Environmental Effects</i> , 2003, 25, 931-943.	0.5	42
381	Nitrification and Denitrification Rates of Everglades Wetland Soils along a Phosphorus-Impacted Gradient. <i>Journal of Environmental Quality</i> , 2003, 32, 2436-2443.	1.0	96
382	Effect of Aerobic and Anaerobic Conditions on Chlorophenol Sorption in Wetland Soils. <i>Soil Science Society of America Journal</i> , 2003, 67, 787.	1.2	12
383	Composition and Function of Sulfate-Reducing Prokaryotes in Eutrophic and Pristine Areas of the Florida Everglades. <i>Applied and Environmental Microbiology</i> , 2002, 68, 6129-6137.	1.4	108
384	PHOSPHORUS RETENTION IN SOILS FROM A PROSPECTIVE CONSTRUCTED WETLAND SITE: ENVIRONMENTAL IMPLICATIONS 1. <i>Soil Science</i> , 2002, 167, 607-615.	0.9	11
385	Electrokinetic Remediation of Organic Silty Sand Contaminated with Heavy Metals and PAHs at a MGP Site. <i>Soil and Sediment Contamination</i> , 2002, 11, 426-426.	1.1	5
386	Bioavailability of Organic Phosphorus in a Submerged Aquatic Vegetation-Dominated Treatment Wetland. <i>Journal of Environmental Quality</i> , 2002, 31, 1748-1756.	1.0	55
387	Influence of Flooding on Phosphorus Mobility in Manure-Impacted Soil. <i>Journal of Environmental Quality</i> , 2002, 31, 1399-1405.	1.0	31
388	Phosphorus Flux from Wetland Soils Affected by Long-Term Nutrient Loading. <i>Journal of Environmental Quality</i> , 2001, 30, 261-271.	1.0	104
389	Phosphorus Sorption Characteristics of Estuarine Sediments under Different Redox Conditions. <i>Journal of Environmental Quality</i> , 2001, 30, 1474-1480.	1.0	181
390	Spatio-Temporal Patterns of Soil Phosphorus Enrichment in Everglades Water Conservation Area 2A. <i>Journal of Environmental Quality</i> , 2001, 30, 1438-1446.	1.0	96
391	Phosphorus Loading Effects on Extracellular Enzyme Activity in Everglades Wetland Soils. <i>Soil Science Society of America Journal</i> , 2001, 65, 588-595.	1.2	144
392	Heterotrophic Microbial Activity in Northern Everglades Wetland Soils. <i>Soil Science Society of America Journal</i> , 2001, 65, 1856-1864.	1.2	98
393	Influence of Selected Inorganic Electron Acceptors on Organic Nitrogen Mineralization in Everglades Soils. <i>Soil Science Society of America Journal</i> , 2001, 65, 941-948.	1.2	72
394	Hydrologic Influence on Stability of Organic Phosphorus in Wetland Detritus. <i>Journal of Environmental Quality</i> , 2001, 30, 668-674.	1.0	64
395	Temperature Effects in Treatment Wetlands. <i>Water Environment Research</i> , 2001, 73, 543-557.	1.3	322
396	Assessment of electrokinetic removal of heavy metals from soils by sequential extraction analysis. <i>Journal of Hazardous Materials</i> , 2001, 84, 279-296.	6.5	157

#	ARTICLE	IF	CITATIONS
397	Synergistic Effects of Multiple Metal Contaminants on Electrokinetic Remediation of Soils. Remediation, 2001, 11, 85-109.	1.1	35
398	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
399	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
400	Effect of groundwater flow on remediation of dissolved-phase VOC contamination using air sparging. Journal of Hazardous Materials, 2000, 72, 147-165.	6.5	16
401	Comparison of Extractants for Removing Heavy Metals from Contaminated Clayey Soils. Journal of Soil Contamination, 2000, 9, 449-462.	0.5	76
402	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
403	Cosolvent-Enhanced Electrokinetic Remediation of Soils Contaminated with Phenanthrene. Journal of Environmental Engineering, ASCE, 2000, 126, 527-533.	0.7	59
404	Influence of Phosphorus Loading on Organic Nitrogen Mineralization of Everglades Soils. Soil Science Society of America Journal, 2000, 64, 1525-1534.	1.2	148
405	Oxidation and Mobility of Trivalent Chromium in Manganese-Enriched Clays during Electrokinetic Remediation. Journal of Soil Contamination, 1999, 8, 197-216.	0.5	29
406	Potential Technologies for Remediation of Brownfields. Practice Periodical of Hazardous, Toxic and Radioactive Waste Management, 1999, 3, 61-68.	0.4	34
407	Electrokinetic remediation of heavy metal-contaminated soils under reducing environments. Waste Management, 1999, 19, 269-282.	3.7	119
408	Laboratory Study of Air Sparging of TCE-Contaminated Saturated Soils and Ground Water. Ground Water Monitoring and Remediation, 1999, 19, 182-190.	0.6	17
409	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
410	Preliminary Assessment of Electrokinetic Remediation of Soil and Sludge Contaminated with Mixed Waste. Journal of the Air and Waste Management Association, 1999, 49, 823-830.	0.9	32
411	Regulators of heterotrophic microbial potentials in wetland soils. Soil Biology and Biochemistry, 1999, 31, 815-830.	4.2	138
412	Phosphorus Retention in Streams and Wetlands: A Review. Critical Reviews in Environmental Science and Technology, 1999, 29, 83-146.	6.6	801
413	Air flow optimization and surfactant enhancement to remediate toluene-contaminated saturated soils using air sparging. Management of Environmental Quality, 1999, 10, 52-63.	0.4	17
414	Title is missing!. Geotechnical and Geological Engineering, 1998, 16, 59-75.	0.8	45

#	ARTICLE	IF	CITATIONS
415	Mechanisms controlling toluene removal from saturated soils during in situ air sparging. Journal of Hazardous Materials, 1998, 57, 209-230.	6.5	25
416	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
417	System Effects on Benzene Removal from Saturated Soils and Ground Water Using Air Sparging. Journal of Environmental Engineering, ASCE, 1998, 124, 288-299.	0.7	32
418	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
419	Regulation of Organic Matter Decomposition and Nutrient Release in a Wetland Soil. Journal of Environmental Quality, 1998, 27, 1268-1274.	1.0	258
420	Dairy Manure Influences on Phosphorus Retention Capacity of Spodosols. Journal of Environmental Quality, 1998, 27, 522-527.	1.0	62
421	Phosphorus Sorption Capacities of Wetland Soils and Stream Sediments Impacted by Dairy Effluent. Journal of Environmental Quality, 1998, 27, 438-447.	1.0	142
422	CHEMICAL FRACTIONATION OF ORGANIC PHOSPHORUS IN SELECTED HISTOSOLS1. Soil Science, 1998, 163, 36-45.	0.9	186
423	COMBINED CHEMICAL AND 31P-NMR SPECTROSCOPIC ANALYSIS OF PHOSPHORUS IN WETLAND ORGANIC SOILS1. Soil Science, 1998, 163, 705-713.	0.9	58
424	Removal of chromium, nickel and cadmium from clays by <i>in situ</i> electrokinetic remediation. Journal of Soil Contamination, 1997, 6, 391-407.	0.5	77
425	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
426	Interaction and spatial distribution of wetland nitrogen processes. Ecological Modelling, 1997, 105, 1-21.	1.2	122
427	Water Table Effects on Histosol Drainage Water Carbon, Nitrogen, and Phosphorus. Journal of Environmental Quality, 1997, 26, 1062-1071.	1.0	59
428	Effects of soil composition on the removal of chromium by electrokinetics. Journal of Hazardous Materials, 1997, 55, 135-158.	6.5	162
429	USE OF SHREDDED TIRES AS LIGHTWEIGHT BACKFILL MATERIAL FOR RETAINING STRUCTURES. Waste Management and Research, 1996, 14, 433-451.	2.2	9
430	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
431	Resuspension and Diffusive Flux of Nitrogen and Phosphorus in a Hypereutrophic Lake. Journal of Environmental Quality, 1996, 25, 363-371.	1.0	167
432	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

#	ARTICLE	IF	CITATIONS
433	Effect of Pt and H ₂ onn-Butane Isomerization over Fe and Mn Promoted Sulfated Zirconia. Journal of Catalysis, 1996, 161, 206-210.	3.1	52
434	Evaluation of soil washing process to remove mixed contaminants from a sandy loam. Journal of Hazardous Materials, 1996, 45, 45-57.	6.5	89
435	PHOSPHORUS ASSIMILATION IN A STREAM SYSTEM OF THE LAKE OKEECHOBEE BASIN. Journal of the American Water Resources Association, 1996, 32, 901-915.	1.0	23
436	Performance of subsurface flow wetlands with batch-load and continuous-flow conditions. Water Environment Research, 1995, 67, 855-862.	1.3	55
437	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
438	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
439	Wetland Processes and Water Quality: A Symposium Overview. Journal of Environmental Quality, 1994, 23, 875-877.	1.0	28
440	Carbon Flux between Sediment and Water Column of a Shallow, Subtropical, Hypereutrophic Lake. Journal of Environmental Quality, 1994, 23, 965-972.	1.0	19
441	Phosphorus Retention by Wetland Soils used for Treated Wastewater Disposal. Journal of Environmental Quality, 1994, 23, 370-377.	1.0	84
442	Solubility of inorganic phosphorus in stream water as influenced by pH and calcium concentration. Water Research, 1994, 28, 1755-1763.	5.3	129
443	Effects of Cementation on Stress-Strain and Strength Characteristics of Sands. Soils and Foundations, 1993, 33, 121-134.	1.3	48
444	Alkaline Phosphatase Activity in the Sedimentâ€Water Column of a Hypereutrophic Lake. Journal of Environmental Quality, 1993, 22, 832-838.	1.0	43
445	Liquefaction resistance of cemented sands under multidirectional cyclic loading. Canadian Geotechnical Journal, 1992, 29, 989-993.	1.4	4
446	Nutrient Transformations in Sediments as Influenced by Oxygen Supply. Journal of Environmental Quality, 1992, 21, 387-393.	1.0	42
447	Constitutive modeling of cemented sand. Mechanics of Materials, 1992, 14, 155-178.	1.7	17
448	Evaluation of laboratory techniques for measuring diffusion coefficients in sediments. Environmental Science & Technology, 1991, 25, 1605-1611.	4.6	55
449	Oxygen Transport through Aquatic Macrophytes: The Role in Wastewater Treatment. Journal of Environmental Quality, 1990, 19, 261.	1.0	89
450	Water hyacinth growth in anaerobic digester effluents. Biological Wastes, 1990, 34, 91-99.	0.3	4

#	ARTICLE	IF	CITATIONS
451	Transformation and transport of ammonium nitrogen in a flooded organic soil. <i>Ecological Modelling</i> , 1990, 51, 205-216.	1.2	11
452	Effectiveness of Mechanical Aeration in Floating Aquatic Macrophyte-Based Wastewater Treatment Systems. <i>Journal of Environmental Quality</i> , 1989, 18, 349-354.	1.0	2
453	Dynamic moduli and damping ratios for cemented sands at low strains. <i>Canadian Geotechnical Journal</i> , 1988, 25, 353-368.	1.4	112
454	Liquefaction Resistance of Artificially Cemented Sand. <i>Journal of Geotechnical Engineering</i> , 1988, 114, 1395-1413.	0.4	60
455	Nitrogen Transformations in a Waterhyacinth-Based Water Treatment System. <i>Journal of Environmental Quality</i> , 1988, 17, 71-76.	1.0	6
456	Oxygen Transport through Selected Aquatic Macrophytes. <i>Journal of Environmental Quality</i> , 1988, 17, 138-142.	1.0	94
457	Growth and nutrient uptake potential of <i>Azolla caroliniana</i> Willd. and <i>Salvinia rotundifolia</i> Willd. as a function of temperature. <i>Environmental and Experimental Botany</i> , 1987, 27, 215-221.	2.0	13
458	Nitrogen Transformations in Ponds Receiving Polluted Water from Nonpoint Sources. <i>Journal of Environmental Quality</i> , 1987, 16, 1-5.	1.0	9
459	Decomposition of Fresh and Anaerobically Digested Plant Biomass in Soil. <i>Journal of Environmental Quality</i> , 1987, 16, 25-28.	1.0	15
460	Nutrient Removal Potential of Selected Aquatic Macrophytes. <i>Journal of Environmental Quality</i> , 1985, 14, 459-462.	1.0	165
461	Effects of Aeration and Temperature on Nutrient Regeneration from Selected Aquatic Macrophytes. <i>Journal of Environmental Quality</i> , 1984, 13, 239-243.	1.0	20
462	Waterhyacinths for Water Quality Improvement and Biomass Production. <i>Journal of Environmental Quality</i> , 1984, 13, 1-8.	1.0	74
463	Soluble phosphorus release from organic soils. <i>Agriculture, Ecosystems and Environment</i> , 1983, 9, 373-382.	2.5	41
464	Fate of Nitrogen and Phosphorus in a Waste-Water Retention Reservoir Containing Aquatic Macrophytes. <i>Journal of Environmental Quality</i> , 1983, 12, 137-141.	1.0	95
465	Use of Biological Filters for Treating Agricultural Drainage Effluents. <i>Journal of Environmental Quality</i> , 1982, 11, 591-595.	1.0	43
466	Water treatment by aquatic ecosystem: Nutrient removal by reservoirs and flooded fields. <i>Environmental Management</i> , 1982, 6, 261-271.	1.2	18
467	Use of Shallow Reservoir and Flooded Organic Soil Systems for Waste Water Treatment: Nitrogen and Phosphorus Transformations. <i>Journal of Environmental Quality</i> , 1981, 10, 113-119.	1.0	30
468	Behavior and Transport of Microbial Pathogens and Indicator Organisms in Soils Treated with Organic Wastes. <i>Journal of Environmental Quality</i> , 1981, 10, 255-266.	1.0	235

#	ARTICLE	IF	CITATIONS
469	Changes in Soil Physical Properties Due to Organic Waste Applications: A Review. Journal of Environmental Quality, 1981, 10, 133-141.	1.0	414
470	Decomposition of Water Hyacinth in Agricultural Drainage Water. Journal of Environmental Quality, 1981, 10, 228-234.	1.0	28
471	Nitrate Reduction in an Organic Soil-Water System. Journal of Environmental Quality, 1980, 9, 283-288.	1.0	41
472	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
473	Comment on "Distributed numerical model for estimating runoff and sediment discharge of ungaged rivers: 2, Model development" by S. I. Solomon and S. K. Gupta. Water Resources Research, 1978, 14, 981-982.	1.7	0
474	Nitrification-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
475	Electrokinetic Removal of Nitrate and Fluoride. , 0, , 141-148.		2
476	Electrokinetic Removal of PAHs. , 0, , 195-217.		4
477	Electrokinetic Removal of Chlorinated Organic Compounds. , 0, , 219-234.		6
478	Electrokinetic Transport of Chlorinated Organic Pesticides. , 0, , 235-248.		2
479	Electrokinetic Removal of Herbicides from Soils. , 0, , 249-264.		0
480	Electrokinetic Barriers for Preventing Groundwater Pollution. , 0, , 333-356.		2
481	Electrokinetic Biofences. , 0, , 357-366.		6
482	Electrosynthesis of Oxidants and Their Electrokinetic Distribution. , 0, , 473-482.		0
483	Coupled Electrokinetic-Permeable Reactive Barriers. , 0, , 483-503.		7
484	Electrokinetic Modeling of Heavy Metals. , 0, , 537-562.		2
485	Electrokinetic Barriers: Modeling and Validation. , 0, , 563-579.		1
486	Cost Estimates for Electrokinetic Remediation. , 0, , 581-587.		2

#	ARTICLE	IF	CITATIONS
487	Regulatory Aspects of Implementing Electrokinetic Remediation. , 0, , 589-606.		0
488	Field Applications of Electrokinetic Remediation of Soils Contaminated with Heavy Metals. , 0, , 607-624.		3
489	Field Studies on Sediment Remediation. , 0, , 661-696.		3
490	Experiences With Field Applications of Electrokinetic Remediation. , 0, , 697-717.		6
491	Phytoremediation of heavy metals and PAHs at slag fill site: three-year field-scale investigation. International Journal of Geotechnical Engineering, 0, , 1-16.	1.1	7
492	Overview of Electrochemical Remediation Technologies. , 0, , 1-28.		18
493	Influence of Coupled Electrokineticâ€“Phytoremediation on Soil Remediation. , 0, , 417-437.		8
494	Electrokinetic Removal of Radionuclides. , 0, , 127-139.		6
495	Electrokinetic Stabilization of Chromium (VI)-Contaminated Soils. , 0, , 179-193.		1