Claudio Cameselle

List of Publications by Year
in descending order

113	3,067	172457	189892
papers	citations	29 h-index	50 g-index

131	131	131	2189
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrokinetic-enhanced phytoremediation of soils: Status and opportunities. Chemosphere, 2013, 93, 626-636.	8.2	166
2	Electrochemical decolourisation of structurally different dyes. Chemosphere, 2004, 57, 233-239.	8.2	135
3	Development and enhancement of electro-osmotic flow for the removal of contaminants from soils. Electrochimica Acta, 2012, 86, 10-22.	5.2	125
4	Assessing the applicability of phytoremediation of soils with mixed organic and heavy metal contaminants. Reviews in Environmental Science and Biotechnology, 2016, 15, 299-326.	8.1	114
5	Enhancement Of Electro-Osmotic Flow During The Electrokinetic Treatment Of A Contaminated Soil. Electrochimica Acta, 2015, 181, 31-38.	5.2	104
6	Phytoremediation of mixed contaminated soil enhanced with electric current. Journal of Hazardous Materials, 2019, 361, 95-102.	12.4	102
7	Mine tailing disposal sites: contamination problems, remedial options and phytocaps for sustainable remediation. Reviews in Environmental Science and Biotechnology, 2018, 17, 205-228.	8.1	101
8	Electrokinetic Amendment in Phytoremediation of Mixed Contaminated Soil. Electrochimica Acta, 2015, 181, 179-191.	5.2	90
9	Enhanced electromigration and electro-osmosis for the remediation of an agricultural soil contaminated with multiple heavy metals. Chemical Engineering Research and Design, 2016, 104, 209-217.	5.6	86
10	ENHANCED ELECTROKINETIC REMEDIATION OF HYDROPHOBIC ORGANICS CONTAMINATED SOILS BY THE COMBINATION OF NON-IONIC AND IONIC SURFACTANTS. Electrochimica Acta, 2015, 174, 1057-1066.	5.2	80
11	Improvement in electrokinetic remediation of heavy metal spiked kaolin with the polarity exchange technique. Chemosphere, 2006, 62, 817-822.	8.2	79
12	Electrokinetic remediation for the removal of organic contaminants in soils. Current Opinion in Electrochemistry, 2018, 11, 41-47.	4.8	77
13	Surfactant-enhanced Electrokinetic Remediation of Mixed Contamination in Low Permeability Soil. Separation Science and Technology, 2009, 44, 2385-2409.	2.5	74
14	Title is missing!. World Journal of Microbiology and Biotechnology, 2003, 19, 665-669.	3.6	64
15	Study of the degradation of dyes by MnP of Phanerochaete chrysosporium produced in a fixed-bed bioreactor. Chemosphere, 2003, 51, 295-303.	8.2	59
16	Selection of an electrolyte to enhance the electrochemical decolourisation of indigo. Optimisation and scale-up. Chemosphere, 2005, 60, 1080-1086.	8.2	59
17	Sequential Electrokinetic Remediation of Mixed Contaminants in Low Permeability Soils. Journal of Environmental Engineering, ASCE, 2009, 135, 989-998.	1.4	58
18	Iron removal from kaolin. Comparison between â€œin situâ€•and â€œtwo-stageâ€•bioleaching processes. Hydrometallurgy, 2003, 68, 97-105.	4.3	52

#	Article	IF	Citations
19	Improving on electrokinetic remediation in spiked Mn kaolinite by addition of complexing agents. Electrochimica Acta, 2007, 52, 3349-3354.	5.2	52
20	Electrokinetic â€“ Enhanced ryegrass cultures in soils polluted with organic and inorganic compounds. Environmental Research, 2017, 158, 118-125.	7.5	51
21	Electrokinetic treatment of an agricultural soil contaminated with heavy metals. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2016, 51, 691-700.	1.7	49
22	Electrokinetic-enhanced transport of lactate-modified nanoscale iron particles for degradation of dinitrotoluene in clayey soils. Separation and Purification Technology, 2011, 79, 230-237.	7.9	48
23	Benefits of phytoremediation amended with DC electric field. Application to soils contaminated with heavy metals. Chemosphere, 2019, 229, 481-488.	8.2	48
24	Integrated electrokinetic-soil flushing to remove mixed organic and metal contaminants. Journal of Applied Electrochemistry, 2010, 40, 1269-1279.	2.9	39
25	Manganese Removal from Spiked Kaolinitic Soil and Sludge by Electromigration. Separation Science and Technology, 1999, 34, 3227-3241.	2.5	35
26	Decolourisation of textile indigo dye by DC electric current. Engineering Geology, 2005, 77, 253-261.	6.3	34
27	Optimisation of electrochemical decolourisation process of an azo dye, Methyl Orange. Journal of Chemical Technology and Biotechnology, 2004, 79, 1349-1353.	3.2	33
28	Enhanced electrokinetic remediation of polluted kaolinite with an azo dye. Electrochimica Acta, 2007, 52, 3393-3398.	5.2	30
29	Effects of Periodic Electric Potential and Electrolyte Recirculation on Electrochemical Remediation of Contaminant Mixtures in Clayey Soils. Water, Air, and Soil Pollution, 2013, 224, 1.	2.4	30
30	Electrochemical remediation of phenanthrene from contaminated kaolinite. Environmental Geochemistry and Health, 2008, 30, 89-94.	3.4	29
31	Evaluation of Electrokinetic Technique for Industrial Waste Decontamination. Separation Science and Technology, 2009, 44, 2304-2321.	2.5	29
32	Remediation of phenanthrene from contaminated kaolinite by electroremediation-Fenton technology. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 901-906.	1.7	28
33	Laccase production in semi-solid cultures of Phanerochaete chrysosporium. Biotechnology Letters, 1997, 19, 995-998.	2.2	27
34	Acid pond sediment and mine tailings contaminated with metals: physicochemical characterization and electrokinetic remediation. Environmental Earth Sciences, 2017, 76, 1.	2.7	27
35	Enhanced Electrokinetic Remediation for the Removal of Heavy Metals from Contaminated Soils. Applied Sciences (Switzerland), 2021, 11, 1799.	2.5	27
36	Effects of Ectomycorrhizal Fungi and Heavy Metals (Pb, Zn, and Cd) on Growth and Mineral Nutrition of Pinus halepensis Seedlings in North Africa. Microorganisms, 2020, 8, 2033.	3.6	26

#	Article	IF	Citations
37	Cost-effective ecofriendly nanoparticles for rapid and efficient indigo carmine dye removal from wastewater: Adsorption equilibrium, kinetics and mechanism. Environmental Technology and Innovation, 2022, 28, 102595.	6.1	24
38	Removal of organic pollutants and heavy metals in soils by electrokinetic remediation. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 871-875.	1.7	23
39	Opportunities of electrokinetics for the remediation of mining sites in Biga peninsula, Turkey. Chemosphere, 2019, 227, 606-613.	8.2	22
40	Oxalic acid production by. Bioprocess and Biosystems Engineering, 1998, 19, 247.	0.5	22
41	Enhanced removal of Indigo Carmine dye from textile effluent using green cost-efficient nanomaterial: Adsorption, kinetics, thermodynamics and mechanisms. Sustainable Chemistry and Pharmacy, 2022, 29, 100753.	3.3	22
42	Ligninolytic enzymes from corncob cultures ofPhanerochaete chrysosporiumunder semi-solid-state conditions. Acta Biotechnologica, 1999, 19, 17-25.	0.9	21
43	Electrochemical Treatment of a Polluted Sludge: Different Methods and Conditions for Manganese Removal. Separation Science and Technology, 2005, 39, 3679-3689.	2.5	21
44	Electromigration of Mn, Fe, Cu and Zn with citric acid in contaminated clay. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 823-831.	1.7	21
45	Remediation of Dye-Polluted Kaolinite by Combination of Electrokinetic Remediation and Electrochemical Treatment. Environmental Engineering Science, 2008, 25, 419-428.	1.6	20
46	Electro-remediation of copper mine tailings. Comparing copper removal efficiencies for two tailings of different age. Minerals Engineering, 2013, 41, 1-8.	4.3	20
47	Removal of heavy metals from contaminated soil by electrodialytic remediation enhanced with organic acids. Environmental Sciences: Processes and Impacts, 2016, 18, 1440-1448.	3.5	20
48	Evaluation of simultaneous incidence of head space and temperature on biochemical methane potential in food waste. Cogent Engineering, 2020, 7, 1729514.	2.2	18
49	Overview of Electrochemical Remediation Technologies. , 0, , 1-28.		18
50	Leaching of kaolin iron-oxides with organic acids. Journal of Chemical Technology and Biotechnology, 1997, 70, 349-354.	3.2	16
51	Leaching of iron from kaolins by a spent fermentation liquor: Influence of temperature, pH, agitation and citric acid concentration. Journal of Industrial Microbiology, 1995, 14, 288-292.	0.9	14
52	Electroremediation of contaminated soil by heavy metals using ion exchange fibers. Electrochimica Acta, 2012, 86, 138-141.	5.2	14
53	Effect of Dispersant on Transport of Nanoscale Iron Particles in Soils: Zeta Potential Measurements and Column Experiments. Journal of Environmental Engineering, ASCE, 2013, 139, 23-33.	1.4	14
54	Bioremediation of artificially contaminated soil with petroleum using animal waste: cow and poultry dung. Cogent Engineering, 2020, 7, 1721409.	2.2	14

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55	Wastewater and marine bioindicators surveillance to anticipate COVID-19 prevalence and to explore SARS-CoV-2 diversity by next generation sequencing: One-year study. Science of the Total Environment, 2022, 833, 155140.	8.0	13
56	Monitoring of radon concentration for different building types in Covenant University, Nigeria. Cogent Engineering, 2020, 7, 1759396.	2.2	12
57	Scientometric study of drinking water treatments technologies: Present and future challenges. Cogent Engineering, 2021, 8, .	2.2	11
58	Enhanced removal of Thiamethoxam from wastewater using waste-derived nanoparticles: Adsorption performance and mechanisms. Environmental Technology and Innovation, 2022, 28, 102713.	6.1	11
59	The gasoline fuel quality impact on fuel consumption, air-fuel ratio (AFR), lambda (Î») and exhaust emissions of gasoline-fueled vehicles. Cogent Engineering, 2019, 6, .	2.2	9
60	Methodology for locating regional landfills using multi-criteria decision analysis techniques. Cogent Engineering, 2020, 7, 1776451.	2.2	9
61	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.	5.3	9
62	Enhanced decolourisation ability of laccase towards various synthetic dyes by an electrocatalysis technology. Biotechnology Letters, 2003, 25, 603-606.	2.2	8
63	Influence of Coupled Electrokineticâ€“Phytoremediation on Soil Remediation. , 0, , 417-437.		8
64	Production of manganese peroxidase and laccase in laboratory-scale bioreactors by. Bioprocess and Biosystems Engineering, 1999, 20, 531.	0.5	8
65	Coupled Electrokineticâ€“Permeable Reactive Barriers. , 0, , 483-503.		7
66	Electrokinetic Removal of Heavy Metals from Mine Tailings and Acid Lake Sediments from Can Basin, Turkey. , 2016, , .		7
67	Removal of Multiple Metallic Species from Sludge by Electromigration. Journal of Hazardous, Toxic, and Radioactive Waste, 2020, 24, 04019030.	2.0	7
68	Analysis and Optimization of Mn Removal from Contaminated Solid Matrixes by Electrokinetic Remediation. International Journal of Environmental Research and Public Health, 2020, 17, 1820.	2.6	7
69	Continuous ethanolic fermentation by Saccharomyces cerevisiae immobilised in Ca-alginate beads hardened with Al3+. Biotechnology Letters, 1995, 9, 815-820.	0.5	6
70	Electrokinetic Removal of Chlorinated Organic Compounds. , 0, , 219-234.		6
71	Electrokinetic Biofences. , 0, , 357-366.		6
72	Experiences With Field Applications of Electrokinetic Remediation. , 0, , 697-717.		6

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73	Electrokinetic remediation and other physico-chemical remediation techniques for in situ treatment of soil from contaminated nuclear and NORM sites. , 2015, , 161-184.		6
74	Sustainable Soil Remediation. Phytoremediation Amended with Electric Current. Lecture Notes in Civil Engineering, 2019, , 51-61.	0.4	6
75	Electrokinetic Removal of Radionuclides. , 0, , 127-139.		6
76	Biosorption of lead from acidic aqueous solutions using Durvillaea antarctica as adsorbent. Minerals Engineering, 2013, 46-47, 95-99.	4.3	5
77	Electrokinetic Removal of PAHs. , 0, , 195-217.		4
78	Influence of some inducers on activity of ligninolytic enzymes from corncob cultures of Phanerochaete chrysosporium in semi-solid-state conditions. Progress in Biotechnology, 1998, , 703-708.	0.2	3
79	Field Applications of Electrokinetic Remediation of Soils Contaminated with Heavy Metals. , 0, , 607-624.		3
80	Field Studies on Sediment Remediation. , 0, , 661-696.		3
81	Physico-chemical effects of ion-exchange fibers on electrokinetic transportation of metal ions. Separation and Purification Technology, 2014, 135, 72-79.	7.9	3
82	Investigation and Quantification of Carbon Footprint in Lagos Megacity. Cogent Engineering, 2019, 6, .	2.2	3
83	Removal Kinetics of Heavy Metals and Nutrients from Stormwater by Different Filter Materials. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	3
84	Sustainable Phytoremediation of Soils Enhanced with Electric Field. International Journal of Geosynthetics and Ground Engineering, 2021, 7, 1.	2.0	3
85	Electrokinetic Removal of Nitrate and Fluoride. , 0, , 141-148.		2
86	Electrokinetic Transport of Chlorinated Organic Pesticides. , 0, , 235-248.		2
87	Electrokinetic Barriers for Preventing Groundwater Pollution. , 0, , 333-356.		2
88	Electrokinetic Modeling of Heavy Metals. , 0, , 537-562.		2
89	Cost Estimates for Electrokinetic Remediation. , 0, , 581-587.		2
90	Low-cost biosorbents from pines wastes for heavy metals removal from wastewater: adsorption/desorption studies. , 0, 225, 430-442.		2

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91	Electrokinetic Barriers: Modeling and Validation. , 0, , 563-579.		1
92	Characterization of Heavy Metals in Mine Tailings and Lake Sediments: Implications on Remediation. , 2016, , .		1
93	Study on the laminar burning velocity of Medium-Btu syngas flame with N₂ dilution based on OH-PLIF technology. Cogent Engineering, 2018, 5, 1536306.	2.2	1
94	Transport infectious substances category a as a high consequence dangerous goods with the potential for misuse in a terrorist event. International Journal of Infectious Diseases, 2019, 79, 54-55.	3.3	1
95	Passive environmental design of an eco-house in the hot-humid climate of the Middle East: A qualitative approach. Cogent Engineering, 2020, 7, 1837410.	2.2	1
96	Physicochemical Methods for the Remediation of Radionuclide Contaminated Sites. , 2019, , 31-49.		1
97	Electrokinetics in the Removal of Chlorinated Organics from Soils. , 2014, , 731-738.		1
98	Influence of milk whey, nitrogen and phosphorus concentration on oxalic acid production by. Bioprocess and Biosystems Engineering, 1999, 20, 1.	0.5	1
99	Electrokinetic-assisted phytoremediation of heavy metal contaminated soil: Present status, challenges, and opportunities. , 2022, , 537-555.		1
100	Electrokinetic Stabilization of Chromium (VI)-Contaminated Soils. , 0, , 179-193.		1
101	Removal of the pesticides from soil using electrokinetic method. Rendiconti Lincei, 2022, 33, 623-629.	2.2	1
102	Electrokinetic Removal of Herbicides from Soils. , 0, , 249-264.		0
103	Electrosynthesis of Oxidants and Their Electrokinetic Distribution. , 0, , 473-482.		0
104	Regulatory Aspects of Implementing Electrokinetic Remediation. , 0, , 589-606.		0
105	Studies on the Removal Behaviour of Hydrophilic and Hydrophobic Dyes from Organic Contaminated Kaolinite Soil by an Electrokinetic Remediation System. , 2016, , .		0
106	Experimental study on premixed flame combustion of annular burner with CO ₂ dilution based on OH-PLIF technology. Cogent Engineering, 2019, 6, .	2.2	0
107	EREM 2018: Sustainable electrokinetic and electrochemical environmental applications. Chemosphere, 2020, 259, 127377.	8.2	0
108	Electrokinetic Soil Flushing. Environmental Pollution, 2021, , 111-132.	0.4	0

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109	Electrokinetic Transport in Soil Remediation. , 2014, , 725-731.		0
110	Effect of the different parts of the corn cob employed as a carrier on ligninolytic activity in solid state cultures by. Bioprocess and Biosystems Engineering, 1998, 18, 251.	0.5	0
111	Oxalic acid production by. Bioprocess and Biosystems Engineering, 1998, 19, 337.	0.5	0
112	Removing fluoride from hot spring wastewater by an electrolysis system with a perforated plate as a diaphragm. Cogent Engineering, 2020, 7, 1720061.	2.2	0
113	Toward a social construction of water resources management: The case of Kalimantan. Cogent Engineering, 2021, 8, .	2.2	0