

Claudio Cameselle

List of Publications by Year in descending order

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113
papers

3,067
citations

172386

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50
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131
all docs

131
docs citations

131
times ranked

2189
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrokinetic-enhanced phytoremediation of soils: Status and opportunities. Chemosphere, 2013, 93, 626-636.	4.2	166
2	Electrochemical decolourisation of structurally different dyes. Chemosphere, 2004, 57, 233-239.	4.2	135
3	Development and enhancement of electro-osmotic flow for the removal of contaminants from soils. Electrochimica Acta, 2012, 86, 10-22.	2.6	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.	3.9	114
5	Enhancement Of Electro-Osmotic Flow During The Electrokinetic Treatment Of A Contaminated Soil. Electrochimica Acta, 2015, 181, 31-38.	2.6	104
6	Phytoremediation of mixed contaminated soil enhanced with electric current. Journal of Hazardous Materials, 2019, 361, 95-102.	6.5	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.	3.9	101
8	Electrokinetic Amendment in Phytoremediation of Mixed Contaminated Soil. Electrochimica Acta, 2015, 181, 179-191.	2.6	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.	2.7	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.	2.6	80
11	Improvement in electrokinetic remediation of heavy metal spiked kaolin with the polarity exchange technique. Chemosphere, 2006, 62, 817-822.	4.2	79
12	Electrokinetic remediation for the removal of organic contaminants in soils. Current Opinion in Electrochemistry, 2018, 11, 41-47.	2.5	77
13	Surfactant-enhanced Electrokinetic Remediation of Mixed Contamination in Low Permeability Soil. Separation Science and Technology, 2009, 44, 2385-2409.	1.3	74
14	Title is missing!. World Journal of Microbiology and Biotechnology, 2003, 19, 665-669.	1.7	64
15	Study of the degradation of dyes by MnP of Phanerochaete chrysosporium produced in a fixed-bed bioreactor. Chemosphere, 2003, 51, 295-303.	4.2	59
16	Selection of an electrolyte to enhance the electrochemical decolourisation of indigo. Optimisation and scale-up. Chemosphere, 2005, 60, 1080-1086.	4.2	59
17	Sequential Electrokinetic Remediation of Mixed Contaminants in Low Permeability Soils. Journal of Environmental Engineering, ASCE, 2009, 135, 989-998.	0.7	58
18	Iron removal from kaolin. Comparison between "in situ" and "two-stage" bioleaching processes. Hydrometallurgy, 2003, 68, 97-105.	1.8	52

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19	Improving on electrokinetic remediation in spiked Mn kaolinite by addition of complexing agents. <i>Electrochimica Acta</i> , 2007, 52, 3349-3354.	2.6	52
20	Electrokinetic "Enhanced ryegrass cultures in soils polluted with organic and inorganic compounds. <i>Environmental Research</i> , 2017, 158, 118-125.	3.7	51
21	Electrokinetic treatment of an agricultural soil contaminated with heavy metals. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 691-700.	0.9	49
22	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
23	Benefits of phytoremediation amended with DC electric field. Application to soils contaminated with heavy metals. <i>Chemosphere</i> , 2019, 229, 481-488.	4.2	48
24	Integrated electrokinetic-soil flushing to remove mixed organic and metal contaminants. <i>Journal of Applied Electrochemistry</i> , 2010, 40, 1269-1279.	1.5	39
25	Manganese Removal from Spiked Kaolinitic Soil and Sludge by Electromigration. <i>Separation Science and Technology</i> , 1999, 34, 3227-3241.	1.3	35
26	Decolourisation of textile indigo dye by DC electric current. <i>Engineering Geology</i> , 2005, 77, 253-261.	2.9	34
27	Optimisation of electrochemical decolourisation process of an azo dye, Methyl Orange. <i>Journal of Chemical Technology and Biotechnology</i> , 2004, 79, 1349-1353.	1.6	33
28	Enhanced electrokinetic remediation of polluted kaolinite with an azo dye. <i>Electrochimica Acta</i> , 2007, 52, 3393-3398.	2.6	30
29	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
30	Electrochemical remediation of phenanthrene from contaminated kaolinite. <i>Environmental Geochemistry and Health</i> , 2008, 30, 89-94.	1.8	29
31	Evaluation of Electrokinetic Technique for Industrial Waste Decontamination. <i>Separation Science and Technology</i> , 2009, 44, 2304-2321.	1.3	29
32	Remediation of phenanthrene from contaminated kaolinite by electroremediation-Fenton technology. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2008, 43, 901-906.	0.9	28
33	Laccase production in semi-solid cultures of <i>Phanerochaete chrysosporium</i> . <i>Biotechnology Letters</i> , 1997, 19, 995-998.	1.1	27
34	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
35	Enhanced Electrokinetic Remediation for the Removal of Heavy Metals from Contaminated Soils. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1799.	1.3	27
36	Effects of Ectomycorrhizal Fungi and Heavy Metals (Pb, Zn, and Cd) on Growth and Mineral Nutrition of <i>Pinus halepensis</i> Seedlings in North Africa. <i>Microorganisms</i> , 2020, 8, 2033.	1.6	26

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37	Cost-effective ecofriendly nanoparticles for rapid and efficient indigo carmine dye removal from wastewater: Adsorption equilibrium, kinetics and mechanism. <i>Environmental Technology and Innovation</i> , 2022, 28, 102595.	3.0	24
38	Removal of organic pollutants and heavy metals in soils by electrokinetic remediation. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2008, 43, 871-875.	0.9	23
39	Opportunities of electrokinetics for the remediation of mining sites in Biga peninsula, Turkey. <i>Chemosphere</i> , 2019, 227, 606-613.	4.2	22
40	Oxalic acid production by. <i>Bioprocess and Biosystems Engineering</i> , 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. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 29, 100753.	1.6	22
42	Lignolytic enzymes from corn cob cultures of <i>Phanerochaete chrysosporium</i> under semi-solid-state conditions. <i>Acta Biotechnologica</i> , 1999, 19, 17-25.	1.0	21
43	Electrochemical Treatment of a Polluted Sludge: Different Methods and Conditions for Manganese Removal. <i>Separation Science and Technology</i> , 2005, 39, 3679-3689.	1.3	21
44	Electromigration of Mn, Fe, Cu and Zn with citric acid in contaminated clay. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2008, 43, 823-831.	0.9	21
45	Remediation of Dye-Polluted Kaolinite by Combination of Electrokinetic Remediation and Electrochemical Treatment. <i>Environmental Engineering Science</i> , 2008, 25, 419-428.	0.8	20
46	Electro-remediation of copper mine tailings. Comparing copper removal efficiencies for two tailings of different age. <i>Minerals Engineering</i> , 2013, 41, 1-8.	1.8	20
47	Removal of heavy metals from contaminated soil by electro-dialytic remediation enhanced with organic acids. <i>Environmental Sciences: Processes and Impacts</i> , 2016, 18, 1440-1448.	1.7	20
48	Evaluation of simultaneous incidence of head space and temperature on biochemical methane potential in food waste. <i>Cogent Engineering</i> , 2020, 7, 1729514.	1.1	18
49	Overview of Electrochemical Remediation Technologies. , 0, , 1-28.		18
50	Leaching of kaolin iron-oxides with organic acids. <i>Journal of Chemical Technology and Biotechnology</i> , 1997, 70, 349-354.	1.6	16
51	Leaching of iron from kaolins by a spent fermentation liquor: Influence of temperature, pH, agitation and citric acid concentration. <i>Journal of Industrial Microbiology</i> , 1995, 14, 288-292.	0.9	14
52	Electroremediation of contaminated soil by heavy metals using ion exchange fibers. <i>Electrochimica Acta</i> , 2012, 86, 138-141.	2.6	14
53	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
54	Bioremediation of artificially contaminated soil with petroleum using animal waste: cow and poultry dung. <i>Cogent Engineering</i> , 2020, 7, 1721409.	1.1	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. <i>Science of the Total Environment</i> , 2022, 833, 155140.	3.9	13
56	Monitoring of radon concentration for different building types in Covenant University, Nigeria. <i>Cogent Engineering</i> , 2020, 7, 1759396.	1.1	12
57	Scientometric study of drinking water treatments technologies: Present and future challenges. <i>Cogent Engineering</i> , 2021, 8, .	1.1	11
58	Enhanced removal of Thiamethoxam from wastewater using waste-derived nanoparticles: Adsorption performance and mechanisms. <i>Environmental Technology and Innovation</i> , 2022, 28, 102713.	3.0	11
59	The gasoline fuel quality impact on fuel consumption, air-fuel ratio (AFR), lambda (λ) and exhaust emissions of gasoline-fueled vehicles. <i>Cogent Engineering</i> , 2019, 6, .	1.1	9
60	Methodology for locating regional landfills using multi-criteria decision analysis techniques. <i>Cogent Engineering</i> , 2020, 7, 1776451.	1.1	9
61	Mixed versus layered multi-media filter for simultaneous removal of nutrients and heavy metals from urban stormwater runoff. <i>Environmental Science and Pollution Research</i> , 2021, 28, 7574-7585.	2.7	9
62	Enhanced decolourisation ability of laccase towards various synthetic dyes by an electrocatalysis technology. <i>Biotechnology Letters</i> , 2003, 25, 603-606.	1.1	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. <i>Bioprocess and Biosystems Engineering</i> , 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. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2020, 24, 04019030.	1.2	7
68	Analysis and Optimization of Mn Removal from Contaminated Solid Matrixes by Electrokinetic Remediation. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1820.	1.2	7
69	Continuous ethanolic fermentation by <i>Saccharomyces cerevisiae</i> immobilised in Ca-alginate beads hardened with Al ³⁺ . <i>Biotechnology Letters</i> , 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.	0.3	6
75	Electrokinetic Removal of Radionuclides. , 0, , 127-139.		6
76	Biosorption of lead from acidic aqueous solutions using <i>Durvillaea antarctica</i> as adsorbent. Minerals Engineering, 2013, 46-47, 95-99.	1.8	5
77	Electrokinetic Removal of PAHs. , 0, , 195-217.		4
78	Influence of some inducers on activity of ligninolytic enzymes from corn cob cultures of <i>Phanerochaete chrysosporium</i> 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.	3.9	3
82	Investigation and Quantification of Carbon Footprint in Lagos Megacity. Cogent Engineering, 2019, 6, .	1.1	3
83	Removal Kinetics of Heavy Metals and Nutrients from Stormwater by Different Filter Materials. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	3
84	Sustainable Phytoremediation of Soils Enhanced with Electric Field. International Journal of Geosynthetics and Ground Engineering, 2021, 7, 1.	0.9	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 N ₂ dilution based on OH-PLIF technology. Cogent Engineering, 2018, 5, 1536306.	1.1	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.	1.5	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.	1.1	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.	1.0	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, .	1.1	0
107	EREM 2018: Sustainable electrokinetic and electrochemical environmental applications. Chemosphere, 2020, 259, 127377.	4.2	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.	1.1	0
113	Toward a social construction of water resources management: The case of Kalimantan. Cogent Engineering, 2021, 8, .	1.1	0