

Flvio Anastcio de Oliveira Camargo

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100
papers

2,802
citations

27
h-index

51
g-index

105
ext. papers

3,267
ext. citations

3.6
avg, IF

4.98
L-index

#	Paper	IF	Citations
100	Comparative bioremediation of soils contaminated with diesel oil by natural attenuation, biostimulation and bioaugmentation. <i>Bioresource Technology</i> , 2005 , 96, 1049-55	11	454
99	Biodegradation potential of oily sludge by pure and mixed bacterial cultures. <i>Bioresource Technology</i> , 2011 , 102, 11003-10	11	197
98	Microbial consortium bioaugmentation of a polycyclic aromatic hydrocarbons contaminated soil. <i>Bioresource Technology</i> , 2008 , 99, 2637-43	11	170
97	Degradability of linear polyolefins under natural weathering. <i>Polymer Degradation and Stability</i> , 2011 , 96, 703-707	4.7	158
96	Probiotic potential, antimicrobial and antioxidant activities of <i>Enterococcus durans</i> strain LAB18s. <i>Food Control</i> , 2014 , 37, 251-256	6.2	126
95	Abiotic and biotic degradation of oxo-biodegradable polyethylenes. <i>Polymer Degradation and Stability</i> , 2009 , 94, 965-970	4.7	108
94	Anthracene biodegradation and surface activity by an iron-stimulated <i>Pseudomonas</i> sp. <i>Bioresource Technology</i> , 2008 , 99, 2644-9	11	81
93	Anthracene biodegradation by <i>Pseudomonas</i> sp. isolated from a petrochemical sludge landfarming site. <i>International Biodeterioration and Biodegradation</i> , 2005 , 56, 143-150	4.8	77
92	Metal resistance mechanisms in Gram-negative bacteria and their potential to remove Hg in the presence of other metals. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 140, 162-169	7	71
91	The Effect of Tillage System and Crop Rotation on Soil Microbial Diversity and Composition in a Subtropical Acrisol. <i>Diversity</i> , 2012 , 4, 375-395	2.5	69
90	Impact of biodiesel on biodeterioration of stored Brazilian diesel oil. <i>International Biodeterioration and Biodegradation</i> , 2011 , 65, 172-178	4.8	64
89	Comparison of bioremediation strategies for soil impacted with petrochemical oily sludge. <i>International Biodeterioration and Biodegradation</i> , 2014 , 95, 338-345	4.8	56
88	Characterization of copper bioreduction and biosorption by a highly copper resistant bacterium isolated from copper-contaminated vineyard soil. <i>Science of the Total Environment</i> , 2010 , 408, 1501-7	10.2	55
87	Diversity of chromium-resistant bacteria isolated from soils contaminated with dichromate. <i>Applied Soil Ecology</i> , 2005 , 29, 193-202	5	53
86	Bioremediation assessment of diesel-biodiesel-contaminated soil using an alternative bioaugmentation strategy. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 2592-602	5.1	41
85	Bioremediation strategies for diesel and biodiesel in oxisol from southern Brazil. <i>International Biodeterioration and Biodegradation</i> , 2014 , 95, 356-363	4.8	39
84	Soil-borne bacterial structure and diversity does not reflect community activity in Pampa biome. <i>PLoS ONE</i> , 2013 , 8, e76465	3.7	39

83	Bacterial stimulation of copper phytoaccumulation by bioaugmentation with rhizosphere bacteria. <i>Chemosphere</i> , 2010 , 81, 1149-54	8.4	37
82	Bioremediation of soil contaminated by diesel oil. <i>Brazilian Journal of Microbiology</i> , 2003 , 34, 65-68	2.2	36
81	Use of High-Yielding Bioenergy Plant Castor Bean (<i>Ricinus communis</i> L.) as a Potential Phytoremediator for Copper-Contaminated Soils. <i>Pedosphere</i> , 2013 , 23, 651-661	5	35
80	Hexavalent Chromium Reduction by Immobilized Cells and the Cell-Free Extract of <i>Bacillus</i> sp. ES 29. <i>Bioremediation Journal</i> , 2004 , 8, 23-30	2.3	34
79	Accumulation and translocation of heavy metal by spontaneous plants growing on multi-metal-contaminated site in the Southeast of Rio Grande do Sul state, Brazil. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 2371-80	5.1	33
78	Abiotic and biotic degradation of oxo-biodegradable foamed polystyrene. <i>Polymer Degradation and Stability</i> , 2009 , 94, 2128-2133	4.7	33
77	Fuel biodegradation and molecular characterization of microbial biofilms in stored diesel/biodiesel blend B10 and the effect of biocide. <i>International Biodeterioration and Biodegradation</i> , 2014 , 95, 346-355	4.8	32
76	Isolation and characterization of bacteria from mercury contaminated sites in Rio Grande do Sul, Brazil, and assessment of methylmercury removal capability of a <i>Pseudomonas putida</i> V1 strain. <i>Biodegradation</i> , 2013 , 24, 319-31	4.1	31
75	Evaluation of resistance genes and virulence factors in a food isolated <i>Enterococcus durans</i> with potential probiotic effect. <i>Food Control</i> , 2015 , 51, 49-54	6.2	30
74	Enzymatic activity of catechol 1,2-dioxygenase and catechol 2,3-dioxygenase produced by <i>Gordonia polyisoprenivorans</i> . <i>Quimica Nova</i> , 2012 , 35, 1587-1592	1.6	29
73	Relationship between honeybee nutrition and their microbial communities. <i>Antonie Van Leeuwenhoek</i> , 2015 , 107, 921-33	2.1	26
72	Soil suppressiveness and its relations with the microbial community in a Brazilian subtropical agroecosystem under different management systems. <i>Soil Biology and Biochemistry</i> , 2016 , 96, 191-197	7.5	25
71	Characterization of copper-resistant rhizosphere bacteria from <i>Avena sativa</i> and <i>Plantago lanceolata</i> for copper bioreduction and biosorption. <i>Biological Trace Element Research</i> , 2012 , 146, 107-115	4.5	24
70	Oily sludge stimulates microbial activity and changes microbial structure in a landfarming soil. <i>International Biodeterioration and Biodegradation</i> , 2016 , 115, 90-101	4.8	24
69	Microbial community composition in Brazilian stored diesel fuel of varying sulfur content, using high-throughput sequencing. <i>Fuel</i> , 2017 , 189, 340-349	7.1	20
68	Evaluation of copper resistant bacteria from vineyard soils and mining waste for copper biosorption. <i>Brazilian Journal of Microbiology</i> , 2011 , 42, 66-74	2.2	20
67	Bioaccumulation and distribution of selenium in <i>Enterococcus durans</i> . <i>Journal of Trace Elements in Medicine and Biology</i> , 2017 , 40, 37-45	4.1	19
66	Bioprospection of indigenous flora grown in copper mining tailing area for phytoremediation of metals. <i>Journal of Environmental Management</i> , 2020 , 256, 109953	7.9	18

65	Alterações eletroquímicas em solos inundados. <i>Ciencia Rural</i> , 1999 , 29, 171-180	1.3	17
64	Short-term Impacts on Soil-quality Assessment in Alternative Land Uses of Traditional Paddy Fields in Southern Brazil. <i>Land Degradation and Development</i> , 2017 , 28, 534-542	4.4	16
63	Antimicrobial and antioxidant activities of Enterococcus species isolated from meat and dairy products. <i>Brazilian Journal of Biology</i> , 2015 , 75, 923-31	1.5	16
62	Capability of a selected bacterial consortium for degrading diesel/biodiesel blends (B20): enzyme and biosurfactant production. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012 , 47, 1776-84	2.3	16
61	Phytoremediation of heavy metals and nutrients by the into an anthropogenic contaminated site at Southern of Brazil. <i>International Journal of Phytoremediation</i> , 2019 , 21, 1145-1152	3.9	15
60	Properties of catechol 1,2-dioxygenase in the cell free extract and immobilized extract of Mycobacterium fortuitum. <i>Brazilian Journal of Microbiology</i> , 2013 , 44, 291-7	2.2	14
59	A Comparison of Microbial Bioaugmentation and Biostimulation for Hexavalent Chromium Removal from Wastewater. <i>Water, Air, and Soil Pollution</i> , 2016 , 227, 1	2.6	14
58	Potential of Solanum viarum Dunal in use for phytoremediation of heavy metals to mining areas, southern Brazil. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 24132-24142	5.1	13
57	Metal-resistant rhizobacteria isolates improve Mucuna deeringiana phytoextraction capacity in multi-metal contaminated soils from a gold mining area. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 3063-3073	5.1	13
56	Evaluation of two Brazilian indigenous plants for phytostabilization and phytoremediation of copper-contaminated soils. <i>Brazilian Journal of Biology</i> , 2015 , 75, 868-77	1.5	13
55	Production of selenium-enriched biomass by Enterococcus durans. <i>Biological Trace Element Research</i> , 2013 , 155, 447-54	4.5	12
54	Distribution and interaction patterns of bacterial communities in an ornithogenic soil of Seymour Island, Antarctica. <i>Microbial Ecology</i> , 2015 , 69, 684-94	4.4	11
53	Effects of stimulation of copper bioleaching on microbial community in vineyard soil and copper mining waste. <i>Biological Trace Element Research</i> , 2012 , 146, 124-33	4.5	11
52	Bioreduction of Cu(II) by cell-free copper reductase from a copper resistant Pseudomonas sp. NA. <i>Biological Trace Element Research</i> , 2011 , 143, 1182-92	4.5	11
51	Potential phytoextraction and phytostabilization of perennial peanut on copper-contaminated vineyard soils and copper mining waste. <i>Biological Trace Element Research</i> , 2011 , 143, 1729-39	4.5	11
50	Sediment pollution in margins of the Lake Guaíba, Southern Brazil. <i>Environmental Monitoring and Assessment</i> , 2017 , 190, 3	3.1	10
49	Biodegradation potential of Serratiamarcescens for diesel/biodiesel blends. <i>International Biodeterioration and Biodegradation</i> , 2016 , 110, 141-146	4.8	10
48	In situ phytoremediation characterization of heavy metals promoted by Hydrocotyle ranunculoides at Santa Bárbara stream, an anthropogenic polluted site in southern of Brazil. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 28312-28321	5.1	10

47	Biogeography of diazotrophic bacteria in soils. <i>World Journal of Microbiology and Biotechnology</i> , 2010 , 26, 1503-1508	4.4	10
46	Heavy Metals and Nutrients Uptake by Medicinal Plants Cultivated on Multi-metal Contaminated Soil Samples from an Abandoned Gold Ore Processing Site. <i>Water, Air, and Soil Pollution</i> , 2016 , 227, 1	2.6	10
45	A long-term no-tillage system can increase enzymatic activity and maintain bacterial richness in paddy fields. <i>Land Degradation and Development</i> , 2021 , 32, 2257-2268	4.4	10
44	Methylmercury degradation by <i>Pseudomonas putida</i> V1. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 130, 37-42	7	9
43	Sediment pollution in an urban water supply lake in southern Brazil. <i>Environmental Monitoring and Assessment</i> , 2018 , 191, 12	3.1	9
42	Irrigation of paddy soil with industrial landfill leachate: impacts in rice productivity, plant nutrition, and chemical characteristics of soil. <i>Paddy and Water Environment</i> , 2017 , 15, 133-144	1.6	8
41	Treated Industrial Wastewater Effects on Chemical Constitution Maize Biomass, Physicochemical Soil Properties, and Economic Balance. <i>Communications in Soil Science and Plant Analysis</i> , 2018 , 49, 319-333	1.5	8
40	Redu ^ç õ ^õ de cromo hexavalente por bact ^é rias isoladas de solos contaminados com cromo. <i>Ciencia Rural</i> , 2007 , 37, 1661-1667	1.3	8
39	Integrated crop-livestock systems in lowlands increase the availability of nutrients to irrigated rice. <i>Land Degradation and Development</i> , 2020 , 31, 2962-2972	4.4	7
38	Evaluation of the potential impact of fluorine-rich fertilizers on the Guarani Aquifer System, Rio Grande do Sul, Southern Brazil. <i>Environmental Earth Sciences</i> , 2013 , 69, 77-84	2.9	7
37	SOIL FUNGISTASIS AGAINST FUSARIUM GRAMINEARUM UNDER DIFFERENT CROP MANAGEMENT SYSTEMS. <i>Revista Brasileira De Ciencia Do Solo</i> , 2015 , 39, 69-77	1.5	7
36	The effects of trace elements, cations, and environmental conditions on protococatechuate 3,4-dioxygenase activity. <i>Scientia Agricola</i> , 2013 , 70, 68-73	2.5	7
35	13-loci STR multiplex system for Brazilian seized samples of marijuana: individualization and origin differentiation. <i>International Journal of Legal Medicine</i> , 2019 , 133, 373-384	3.1	7
34	ALTERA ^ç õ ^õ S ELETROQU ^í MICAS E DIN ^â MICA DE NUTRIENTES NA SOLU ^ç õ ^õ DO SOLO EM ARROZ IRRIGADO COM LIXIVIADO INDUSTRIAL TRATADO. <i>Revista Brasileira De Ciencia Do Solo</i> , 2015 , 39, 466-474	1.5	6
33	Bioaugmentation-assisted phytoremediation of As, Cd, and Pb using <i>Sorghum bicolor</i> in a contaminated soil of an abandoned gold ore processing plant. <i>Revista Brasileira De Ciencia Do Solo</i> , 2020 , 44,	1.5	6
32	Analysis of Isomeric Cannabinoid Standards and Cannabis Products by UPLC-ESI-TWIM-MS: a Comparison with GC-MS and GC [^] IGC-QMS. <i>Journal of the Brazilian Chemical Society</i> , 2018 ,	1.5	6
31	Phytoremediation of Vineyard Copper-Contaminated Soil and Copper Mining Waste by a High Potential Bioenergy Crop (<i>Helianthus annuus</i> L.). <i>Journal of Plant Nutrition</i> , 2015 , 38, 1580-1594	2.3	5
30	Propriedades qu ^í micas de um Argissolo tratado sucessivamente com composto de lixo urbano. <i>Ciencia Rural</i> , 2011 , 41, 433-439	1.3	5

29	How different soil moisture levels affect the microbial activity. <i>Ciencia Rural</i> , 2020 , 50,	1.3	5
28	In vivo action of <i>Lactococcus lactis</i> subsp. <i>lactis</i> isolate (R7) with probiotic potential in the stabilization of cancer cells in the colorectal epithelium. <i>Process Biochemistry</i> , 2020 , 91, 165-171	4.8	5
27	Soil properties governing phosphorus adsorption in soils of Southern Brazil. <i>Geoderma Regional</i> , 2020 , 22, e00318	2.7	5
26	Solubility of Heavy Metals/Metalloid on Multi-Metal Contaminated Soil Samples from a Gold Ore Processing Area: Effects of Humic Substances. <i>Revista Brasileira De Ciencia Do Solo</i> , 2016 , 40,	1.5	5
25	Cultivation of sorghum and sunflower in soils with amendment of sludge from industrial landfill. <i>International Journal of Recycling of Organic Waste in Agriculture</i> , 2019 , 8, 119-130	3.1	5
24	A Bibliometric Analysis of Cannabis Publications: Six Decades of Research and a Gap on Studies with the Plant. <i>Publications</i> , 2018 , 6, 40	1.7	5
23	The Urban Pressure Over the Sediment Contamination in a Southern Brazil Metropolis: the Case of Diluvio Stream. <i>Water, Air, and Soil Pollution</i> , 2020 , 231, 1	2.6	4
22	Metal-Resistant Rhizobacteria Change Soluble-Exchangeable Fraction in Multi-Metal-Contaminated Soil Samples. <i>Revista Brasileira De Ciencia Do Solo</i> , 2018 , 42,	1.5	4
21	Lago Guaíba: uma análise histórico-cultural da poluição hídrica em Porto Alegre, RS, Brasil. <i>Engenharia Sanitaria E Ambiental</i> , 2019 , 24, 229-237	0.4	3
20	Biosorption and bioreduction of copper from different copper compounds in aqueous solution. <i>Biological Trace Element Research</i> , 2013 , 152, 411-6	4.5	3
19	Atividade microbiana em solos sob doses de lodo de estação de tratamento de efluentes de um aterro industrial. <i>Ciencia Rural</i> , 2016 , 46, 267-272	1.3	3
18	Physico-chemical variability and heavy metal pollution of surface sediment in a non-channeled section of Dilúvio Stream (Southern Brazil) and the influence of channeled section in sediment pollution. <i>Revista Ambiente & Água</i> , 2019 , 14, 1	0.8	3
17	Whole Plastome Sequences of Two Drug-Type Cannabis: Insights Into the Use of Plastid in Forensic Analyses. <i>Journal of Forensic Sciences</i> , 2020 , 65, 259-265	1.8	3
16	Evaluation of two 13-loci STR multiplex system regarding identification and origin discrimination of Brazilian Cannabis sativa samples. <i>International Journal of Legal Medicine</i> , 2020 , 134, 1603-1612	3.1	2
15	Assessment of Beneficial Properties of Enterococcus Strains. <i>Journal of Food Processing and Preservation</i> , 2014 , 38, 665-675	2.1	2
14	Biomassa e atividade microbiana do solo em sistemas de produção orgânica e convencional. <i>Ciencia Rural</i> , 2013 , 43, 270-276	1.3	2
13	Rizóbios nativos do Rio Grande do Sul simbioticamente eficientes em <i>Lotus glaber</i> . <i>Ciencia Rural</i> , 2011 , 41, 440-446	1.3	2
12	Geographic origin determination of Brazilian Cannabis sativa L. (Marihuana) by multi-element concentration. <i>Forensic Science International</i> , 2020 , 315, 110459	2.6	2

11	Molecular identification and microbiological evaluation of isolates from equipments and food contact surfaces in a hospital Food and Nutrition Unit. <i>Brazilian Journal of Biology</i> , 2019 , 79, 191-200	1.5	2
10	The historical influence of tributaries on the water and sediment of Jacuá Delta, Southern Brazil. <i>Revista Ambiente & Água</i> , 2018 , 13, 1	0.8	2
9	Geoaccumulation of Heavy Metals in the Sediment of Lake Guaíba Transitional Waters, Southern Brazil. <i>Environmental Engineering Science</i> , 2019 , 36, 1315-1322	2	1
8	Evaluation of remediation at a contaminated watercourse in south Brazil. <i>International Journal of Phytoremediation</i> , 2020 , 22, 1216-1223	3.9	1
7	Impact of Treated Industrial Effluent on Physical and Chemical Properties of Three Subtropical Soils and Millet Nutrition. <i>Communications in Soil Science and Plant Analysis</i> , 2017 , 48, 2514-2525	1.5	0
6	Soybean crop incorporation in irrigated rice cultivation improves nitrogen availability, soil microbial diversity and activity, and growth of ryegrass. <i>Applied Soil Ecology</i> , 2022 , 170, 104313	5	0
5	Phytoremediation of metals by colonizing plants developed in point bars in the channeled bed of the Dilúvio Stream, Southern Brazil. <i>International Journal of Phytoremediation</i> , 2021 , 1-7	3.9	0
4	The use of vegetal tissue multi-element content as an indicator of soil or substrate type employed to cultivate <i>Cannabis sativa</i> L. (marijuana). <i>Forensic Chemistry</i> , 2021 , 23, 100319	2.8	0
3	Impact of water content on microbial growth in Brazilian biodiesel during simulated storage. <i>Fuel</i> , 2021 , 297, 120761	7.1	0
2	Crescimento e teor de cromo em mamoneira cultivada em solo receptor de resíduos de curtume e carboníferos. <i>Engenharia Sanitaria E Ambiental</i> , 2019 , 24, 1095-1102	0.4	
1	Analysis of <i>Baccharis dracunculifolia</i> and <i>Baccharis trimera</i> for Phytoremediation of Heavy Metals in Copper Mining Tailings Area in Southern Brazil. <i>Applied Biochemistry and Biotechnology</i> , 2021 , 1	3.2	