

Flvio Anastcio de Oliveira Camargo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | 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 |
| 99 | 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 |
| 98 | 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 |
| 97 | 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 |
| 96 | Impact of water content on microbial growth in Brazilian biodiesel during simulated storage. <i>Fuel</i> , 2021 , 297, 120761 | 7.1 | 0 |
| 95 | 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 | |
| 94 | 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 |
| 93 | Evaluation of two 13-loci STR multiplex system regarding identification and origin discrimination of Brazilian <i>Cannabis sativa</i> samples. <i>International Journal of Legal Medicine</i> , 2020 , 134, 1603-1612 | 3.1 | 2 |
| 92 | The Urban Pressure Over the Sediment Contamination in a Southern Brazil Metropolis: the Case of Dilúvio Stream. <i>Water, Air, and Soil Pollution</i> , 2020 , 231, 1 | 2.6 | 4 |
| 91 | How different soil moisture levels affect the microbial activity. <i>Ciencia Rural</i> , 2020 , 50, | 1.3 | 5 |
| 90 | 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 |
| 89 | 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 |
| 88 | 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 |
| 87 | Geographic origin determination of Brazilian <i>Cannabis sativa</i> L. (Marihuana) by multi-element concentration. <i>Forensic Science International</i> , 2020 , 315, 110459 | 2.6 | 2 |
| 86 | Soil properties governing phosphorus adsorption in soils of Southern Brazil. <i>Geoderma Regional</i> , 2020 , 22, e00318 | 2.7 | 5 |
| 85 | 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 |
| 84 | Evaluation of remediation at a contaminated watercourse in south Brazil. <i>International Journal of Phytoremediation</i> , 2020 , 22, 1216-1223 | 3.9 | 1 |

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| 83 | 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 |
| 82 | 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 |
| 81 | Potential of <i>Solanum viarum</i> 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 |
| 80 | 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 |
| 79 | 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 | |
| 78 | 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 |
| 77 | 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 |
| 76 | 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 |
| 75 | 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 |
| 74 | 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 |
| 73 | In situ phytoremediation characterization of heavy metals promoted by <i>Hydrocotyle ranunculoides</i> 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 |
| 72 | Sediment pollution in an urban water supply lake in southern Brazil. <i>Environmental Monitoring and Assessment</i> , 2018 , 191, 12 | 3.1 | 9 |
| 71 | The historical influence of tributaries on the water and sediment of Jacuíba Delta, Southern Brazil. <i>Revista Ambiente & Água</i> , 2018 , 13, 1 | 0.8 | 2 |
| 70 | Analysis of Isomeric Cannabinoid Standards and Cannabis Products by UPLC-ESI-TWIM-MS: a Comparison with GC-MS and GC-MS-QMS. <i>Journal of the Brazilian Chemical Society</i> , 2018 , | 1.5 | 6 |
| 69 | 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 |
| 68 | 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 |
| 67 | 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 |
| 66 | 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 |

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| 65 | 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 |
| 64 | Sediment pollution in margins of the Lake Guaíba, Southern Brazil. <i>Environmental Monitoring and Assessment</i> , 2017 , 190, 3 | 3.1 | 10 |
| 63 | 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 |
| 62 | Metal-resistant rhizobacteria isolates improve <i>Mucuna deeringiana</i> 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 |
| 61 | 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 |
| 60 | 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 |
| 59 | Biodegradation potential of <i>Serratiamarcensens</i> for diesel/biodiesel blends. <i>International Biodeterioration and Biodegradation</i> , 2016 , 110, 141-146 | 4.8 | 10 |
| 58 | 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 |
| 57 | 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 |
| 56 | 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 |
| 55 | 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 |
| 54 | Methylmercury degradation by <i>Pseudomonas putida</i> V1. <i>Ecotoxicology and Environmental Safety</i> , 2016 , 130, 37-42 | 7 | 9 |
| 53 | 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 |
| 52 | 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 |
| 51 | 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 |
| 50 | 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 |
| 49 | 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 |
| 48 | 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 |

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| 47 | 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 |
| 46 | Antimicrobial and antioxidant activities of <i>Enterococcus</i> species isolated from meat and dairy products. <i>Brazilian Journal of Biology</i> , 2015 , 75, 923-31 | 1.5 | 16 |
| 45 | 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 |
| 44 | ALTERA ^Ç ES ELETROQU ^Í MICAS E DIN ^Â MICA DE NUTRIENTES NA SOLU ^Ç ÃO DO SOLO EM ARROZ IRRIGADO COM LIXIVIADO INDUSTRIAL TRATADO. <i>Revista Brasileira De Ciencia Do Solo</i> , 2015 , 39, 466-474 ⁵ | 1.5 | 6 |
| 43 | Relationship between honeybee nutrition and their microbial communities. <i>Antonie Van Leeuwenhoek</i> , 2015 , 107, 921-33 | 2.1 | 26 |
| 42 | 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 |
| 41 | Probiotic potential, antimicrobial and antioxidant activities of <i>Enterococcus durans</i> strain LAB18s. <i>Food Control</i> , 2014 , 37, 251-256 | 6.2 | 126 |
| 40 | 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} | 4.8 | 32 |
| 39 | Comparison of bioremediation strategies for soil impacted with petrochemical oily sludge. <i>International Biodeterioration and Biodegradation</i> , 2014 , 95, 338-345 | 4.8 | 56 |
| 38 | Bioremediation strategies for diesel and biodiesel in oxisol from southern Brazil. <i>International Biodeterioration and Biodegradation</i> , 2014 , 95, 356-363 | 4.8 | 39 |
| 37 | Assessment of Beneficial Properties of <i>Enterococcus</i> Strains. <i>Journal of Food Processing and Preservation</i> , 2014 , 38, 665-675 | 2.1 | 2 |
| 36 | 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 |
| 35 | Production of selenium-enriched biomass by <i>Enterococcus durans</i> . <i>Biological Trace Element Research</i> , 2013 , 155, 447-54 | 4.5 | 12 |
| 34 | 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 |
| 33 | 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 |
| 32 | 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 |
| 31 | Biomassa e atividade microbiana do solo em sistemas de produ ^ç ão oler ^á cola org ^â nica e convencional. <i>Ciencia Rural</i> , 2013 , 43, 270-276 | 1.3 | 2 |
| 30 | Soil-borne bacterial structure and diversity does not reflect community activity in Pampa biome. <i>PLoS ONE</i> , 2013 , 8, e76465 | 3.7 | 39 |

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| 29 | Properties of catechol 1,2-dioxygenase in the cell free extract and immobilized extract of <i>Mycobacterium fortuitum</i> . <i>Brazilian Journal of Microbiology</i> , 2013 , 44, 291-7 | 2.2 | 14 |
| 28 | The effects of trace elements, cations, and environmental conditions on protocatechuate 3,4-dioxygenase activity. <i>Scientia Agricola</i> , 2013 , 70, 68-73 | 2.5 | 7 |
| 27 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | 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 |
| 23 | 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 |
| 22 | Riz ⁺ Bios nativos do Rio Grande do Sul simbioticamente eficientes em <i>Lotus glaber</i> . <i>Ciencia Rural</i> , 2011 , 41, 440-446 | 1.3 | 2 |
| 21 | Propriedades químicas de um Argissolo tratado sucessivamente com composto de lixo urbano. <i>Ciencia Rural</i> , 2011 , 41, 433-439 | 1.3 | 5 |
| 20 | 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 |
| 19 | Biodegradation potential of oily sludge by pure and mixed bacterial cultures. <i>Bioresource Technology</i> , 2011 , 102, 11003-10 | 11 | 197 |
| 18 | Bioreduction of Cu(II) by cell-free copper reductase from a copper resistant <i>Pseudomonas</i> sp. NA. <i>Biological Trace Element Research</i> , 2011 , 143, 1182-92 | 4.5 | 11 |
| 17 | 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 |
| 16 | Impact of biodiesel on biodeterioration of stored Brazilian diesel oil. <i>International Biodeterioration and Biodegradation</i> , 2011 , 65, 172-178 | 4.8 | 64 |
| 15 | Degradability of linear polyolefins under natural weathering. <i>Polymer Degradation and Stability</i> , 2011 , 96, 703-707 | 4.7 | 158 |
| 14 | Biogeography of diazotrophic bacteria in soils. <i>World Journal of Microbiology and Biotechnology</i> , 2010 , 26, 1503-1508 | 4.4 | 10 |
| 13 | 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 |
| 12 | Bacterial stimulation of copper phytoaccumulation by bioaugmentation with rhizosphere bacteria. <i>Chemosphere</i> , 2010 , 81, 1149-54 | 8.4 | 37 |

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| 11 | Abiotic and biotic degradation of oxo-biodegradable polyethylenes. <i>Polymer Degradation and Stability</i> , 2009 , 94, 965-970 | 4-7 | 108 |
| 10 | Abiotic and biotic degradation of oxo-biodegradable foamed polystyrene. <i>Polymer Degradation and Stability</i> , 2009 , 94, 2128-2133 | 4-7 | 33 |
| 9 | Anthracene biodegradation and surface activity by an iron-stimulated <i>Pseudomonas</i> sp. <i>Bioresource Technology</i> , 2008 , 99, 2644-9 | 11 | 81 |
| 8 | Microbial consortium bioaugmentation of a polycyclic aromatic hydrocarbons contaminated soil. <i>Bioresource Technology</i> , 2008 , 99, 2637-43 | 11 | 170 |
| 7 | Redu  o de cromo hexavalente por bact  rias isoladas de solos contaminados com cromo. <i>Ciencia Rural</i> , 2007 , 37, 1661-1667 | 1-3 | 8 |
| 6 | Diversity of chromium-resistant bacteria isolated from soils contaminated with dichromate. <i>Applied Soil Ecology</i> , 2005 , 29, 193-202 | 5 | 53 |
| 5 | 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 |
| 4 | Comparative bioremediation of soils contaminated with diesel oil by natural attenuation, biostimulation and bioaugmentation. <i>Bioresource Technology</i> , 2005 , 96, 1049-55 | 11 | 454 |
| 3 | 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 |
| 2 | Bioremediation of soil contaminated by diesel oil. <i>Brazilian Journal of Microbiology</i> , 2003 , 34, 65-68 | 2-2 | 36 |
| 1 | Alterat  es eletroqu  micas em solos inundados. <i>Ciencia Rural</i> , 1999 , 29, 171-180 | 1-3 | 17 |