

Flavio M R Da Silva JÃ³nior

List of Publications by Year in descending order

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111
papers

1,169
citations

430843

18
h-index

526264

27
g-index

113
all docs

113
docs citations

113
times ranked

1264
citing authors

#	ARTICLE	IF	CITATIONS
1	Emissions monitoring and carcinogenic risk assessment of PM10-bounded PAHs in the air from Candiota's coal activity area, Brazil. <i>Environmental Geochemistry and Health</i> , 2023, 45, 899-911.	3.4	4
2	Multiple exposure pathways and health risk assessment of potentially harmful elements for children and adults living in a coal region in Brazil. <i>Environmental Geochemistry and Health</i> , 2023, 45, 305-318.	3.4	7
3	Human health risk assessment of arsenic in a region influenced by a large coal-fired power plant. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 281-288.	3.5	7
4	Comparative evaluation of different bioremediation techniques for crude oil-contaminated soil. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 2823-2834.	3.5	7
5	Unexpected reduction in ozone levels in a mid-size city during COVID-19 lockdown. <i>International Journal of Environmental Health Research</i> , 2022, 32, 1801-1814.	2.7	8
6	O3 concentration and duration of exposure are factors influencing the environmental health risk of exercising in Rio Grande, Brazil. <i>Environmental Geochemistry and Health</i> , 2022, 44, 2733-2742.	3.4	10
7	Mushroom extract of <i>Lactarius deliciosus</i> (L.) Sf. Gray as biopesticide: Antifungal activity and toxicological analysis. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2022, 85, 43-55.	2.3	8
8	Health impact assessment of air pollution in an area of the largest coal mine in Brazil. <i>Environmental Science and Pollution Research</i> , 2022, 29, 14176-14184.	5.3	12
9	Recommended Guidance and Checklist for Human Health Risk Assessment of Metal(loid)s in Soil. <i>Exposure and Health</i> , 2022, 14, 295-304.	4.9	9
10	Haff's disease in Brazil - the need for scientific follow-up and case notification. <i>The Lancet Regional Health Americas</i> , 2022, 5, 100100.	2.6	2
11	Toxicity and physicochemical parameters of composts including distinct residues from agribusiness and slaughterhouse sludge. <i>Waste Management</i> , 2022, 138, 75-82.	7.4	7
12	Dynamics of Air Pollutants and the Controlled Distancing Model of Rio Grande do Sul for Covid-19 Pandemic Contro. <i>Revista Virtual De Quimica</i> , 2022, 14, 136-141.	0.4	3
13	MAMMALS IN PORTUGAL : A data set of terrestrial, volant, and marine mammal occurrences in Portugal. <i>Ecology</i> , 2022, , e3654.	3.2	1
14	Trends in pneumoconiosis in Brazil, 1979-2019. <i>Occupational Medicine</i> , 2022, 72, 386-393.	1.4	1
15	Lung function among residents from the largest coal region in Brazil. <i>Environmental Science and Pollution Research</i> , 2022, 29, 46803-46812.	5.3	4
16	Urinary Pb levels in schoolchildren from the largest coal mining area in Brazil and its associated factors: a cross-sectional study. <i>Environmental Science and Pollution Research</i> , 2022, 29, 74407-74415.	5.3	1
17	Factors associated with genetic damage - an analysis integrating human populations from Southern Brazil. <i>Environmental Science and Pollution Research</i> , 2022, 29, 74335-74345.	5.3	1
18	Usnic Acid (+) Enantiomer in Alternative <i>In Vitro</i> Control of <i>Burkholderia cepacia</i> and Allelopathic Effect. <i>Applied in Vitro Toxicology</i> , 2022, 8, 58-63.	1.1	0

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19	Walking backwards into the future: Setbacks of Brazil's pesticides bill. <i>Integrated Environmental Assessment and Management</i> , 2022, 18, 1114-1116.	2.9	0
20	“New Normal”: The Dynamics of Air Pollutants on the Interruption “Recovery Pattern Related to the COVID-19 Pandemic in Recife, Northeastern Brazil. <i>Aerosol Science and Engineering</i> , 2022, 6, 316-322.	1.9	4
21	DNA damage in Brazilian newborns admitted to NICUs - association with maternal and neonatal outcomes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2022, 881, 503521.	1.7	2
22	<i>In vivo</i> toxicity evaluation of nanoemulsions for drug delivery. <i>Drug and Chemical Toxicology</i> , 2021, 44, 585-594.	2.3	11
23	Selenium dietary intake, urinary excretion, and toxicity symptoms among children from a coal mining area in Brazil. <i>Environmental Geochemistry and Health</i> , 2021, 43, 65-75.	3.4	12
24	Health risk assessment in urban parks soils contaminated by metals, Rio Grande city (Brazil) case study. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111737.	6.0	31
25	Multiple exposure pathways and health risk assessment of selenium for children in a coal mining area. <i>Environmental Science and Pollution Research</i> , 2021, 28, 13562-13569.	5.3	7
26	Multimarker approach to assess the exposure of the wild rodent <i>Calomys laucha</i> to a simulated crude oil spill. <i>Environmental Science and Pollution Research</i> , 2021, 28, 2236-2244.	5.3	5
27	Blood markers among residents from a coal mining area. <i>Environmental Science and Pollution Research</i> , 2021, 28, 1409-1416.	5.3	12
28	Biological activity of aqueous extracts of Southern Brazilian mushrooms. <i>International Journal of Environmental Health Research</i> , 2021, 31, 148-159.	2.7	4
29	Bioassays for the evaluation of reclaimed opencast coal mining areas. <i>Environmental Science and Pollution Research</i> , 2021, 28, 26664-26676.	5.3	5
30	Ecotoxicity of triclosan in soil: an approach using different species. <i>Environmental Science and Pollution Research</i> , 2021, 28, 41233-41241.	5.3	12
31	Health impact assessment of air pollutants during the COVID-19 pandemic in a Brazilian metropolis. <i>Environmental Science and Pollution Research</i> , 2021, 28, 41843-41850.	5.3	14
32	Toxicity and sublethal effects of methylparaben on zebrafish (<i>Danio rerio</i>) larvae and adults. <i>Environmental Science and Pollution Research</i> , 2021, 28, 45534-45544.	5.3	16
33	Antifouling paint particles in soils: toxic impact that goes beyond the aquatic environment. <i>Ecotoxicology</i> , 2021, 30, 1161-1169.	2.4	3
34	Methylmercury in Fish from the Amazon Region – a Review Focused on Eating Habits. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	15
35	Genetic damage in coal and uranium miners. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2021, 866, 503348.	1.7	8
36	Air quality assessment using the Pollen Abortion assay in <i>Tradescantia pallida</i> in a Mid-sized City in Southern Brazil. <i>Revista De La Sociedad Científica Del Paraguay</i> , 2021, 26, 6-16.	0.2	3

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37	Oral cytological changes in young adults related to alcohol consumption. Archives of Oral Biology, 2021, 126, 105127.	1.8	5
38	Anti-MDR Effects of Quercetin and its Nanoemulsion in Multidrug-Resistant Human Leukemia Cells. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 1911-1920.	1.7	10
39	Human health risk assessment of metals and anions in surface water from a mineral coal region in Brazil. Environmental Monitoring and Assessment, 2021, 193, 567.	2.7	6
40	Bioactive extracts of Russula xerampelina and Suillus granulatus in the in vitro control of Pseudomonas aeruginosa phytopathogenic. South African Journal of Botany, 2021, 140, 218-225.	2.5	3
41	Maternal, neonatal and socio-economic factors associated with intellectual development among children from a coal mining region in Brazil. Environmental Geochemistry and Health, 2021, 43, 3055-3066.	3.4	7
42	Watch out for trends: did ozone increased or decreased during the COVID-19 pandemic?. Environmental Science and Pollution Research, 2021, 28, 67880-67885.	5.3	10
43	Comportamento dos poluentes do ar durante e apÃs lockdown em uma cidade de mÃdio porte. VITTALLE - Revista De CiÃncias Da SaÃde, 2021, 33, 62-67.	0.2	3
44	Brazil: â€œThe Continentâ€•That Does Not Look at Its Ground. Environmental Toxicology and Chemistry, 2020, 39, 1859-1860.	4.3	7
45	Human exposure to fluoride from tea (Camellia sinensis) in a volcanic regionâ€”Canary Islands, Spain. Environmental Science and Pollution Research, 2020, 27, 43917-43928.	5.3	12
46	Response to letter to the editor â€œGenetic biomonitoring of professionals occupationally exposed to ionizing radiation: Theoretical concepts for scientific debateâ€•. Toxicology and Industrial Health, 2020, 36, 745-749.	1.4	1
47	Is There Something in the Air? Sources, Concentrations and Ionic Composition of Particulate Matter (PM2.5) in an Industrial Coastal City in Southern Brazil. Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	10
48	Genotoxic risk in health-care professionals occupationally exposed to low doses of ionizing radiation. Toxicology and Industrial Health, 2020, 36, 356-370.	1.4	10
49	Toxicity of Biocide Formulations in the Soil to the Gut Community in Balloniscus selowii Brandt, 1983 (Crustacea: Isopoda: Oniscidea). Water, Air, and Soil Pollution, 2020, 231, 1.	2.4	11
50	Distribution of pesticides in agricultural and urban soils of Brazil: a critical review. Environmental Sciences: Processes and Impacts, 2020, 22, 256-270.	3.5	40
51	Prevalence and factors associated to the use of illicit drugs and psychotropic medications among brazilian undergraduates. Acta Scientiarum - Health Sciences, 2020, 42, e46774.	0.2	4
52	COVID-19 and air pollution: what do we know so far?. VITTALLE - Revista De CiÃncias Da SaÃde, 2020, 32, 22-31.	0.2	10
53	Perfil epidemiolÃgico dos casos de intoxicaÃÃo exÃgena no ano de 2017 em Pernambuco, Brasil. Research, Society and Development, 2020, 9, e161963618.	0.1	0
54	Efeitos da dieta no dano de DNA: revisÃo crÃtica. Research, Society and Development, 2020, 9, e52963364.	0.1	0

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55	Prevalence of Illicit Drug Use During Pregnancy: A Global Perspective. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20200302.	0.8	5
56	Newborn outcomes exposure to crack cocaine during pregnancy: a critical review. <i>Brazilian Journal of Development</i> , 2020, 6, 11220-11232.	0.1	0
57	AnÃ¡lise das manifestaÃ§Ãµes patolÃ³gicas da ponte sobre o Rio Taquari em Araguatins/TO. <i>Engineering Sciences</i> , 2020, 8, 45-56.	0.1	0
58	Diferentes tipos de matÃ©ria orgÃ¢nica no ensaio de reproduÃ§Ã£o da minhoca californiana <i>Eisenia andrei</i> . <i>Research, Society and Development</i> , 2020, 9, e14942878.	0.1	0
59	Antibiotic use and association with bacterial resistance in a hospital in Southern Brazil. <i>Research, Society and Development</i> , 2020, 9, e154963405.	0.1	1
60	Perfil epidemiolÃ³gico de recÃ©m-nascidos internados em Unidades de Terapia Intensiva Neonatal em hospitais universitÃ¡rios no extremo Sul do Brasil. <i>VITTALLE - Revista De CiÃªncias Da SaÃºde</i> , 2020, 32, 46-54.	0.2	3
61	Global survey of urinary selenium in children: A systematic review. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019, 56, 1-5.	3.0	4
62	Increasingly Distant from Edenâ€™a Look at the Soils of Protected Areas Using Ecotoxicological Tests and Chemical Analysis. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	8
63	Genotoxic effect of dimethylarsinic acid and the influence of co-exposure to titanium nanodioxide (nTiO2) in <i>Laonereis culveri</i> (Annelida, Polychaeta). <i>Science of the Total Environment</i> , 2019, 685, 19-27.	8.0	7
64	Arsenic enrichment in sediments and beaches of Brazilian coastal waters: A review. <i>Science of the Total Environment</i> , 2019, 681, 143-154.	8.0	50
65	Distribution of potentially harmful elements in soils around a large coal-fired power plant. <i>Environmental Geochemistry and Health</i> , 2019, 41, 2131-2143.	3.4	19
66	Selenium and mercury concentration in drinking water and food samples from a coal mining area in Brazil. <i>Environmental Science and Pollution Research</i> , 2019, 26, 15510-15517.	5.3	15
67	Association between DNA damage, dietary patterns, nutritional status, and non-communicable diseases in coal miners. <i>Environmental Science and Pollution Research</i> , 2019, 26, 15600-15607.	5.3	10
68	Genotoxic damage in coelomocytes of <i>Eisenia andrei</i> exposed to urban soils. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 842, 111-116.	1.7	12
69	Ecotoxicological assessment of BTEX to soil organisms using a terrestrial microcosm: multispecies soil system (MS-3). <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 4465-4470.	3.5	8
70	Quais agrotÃ³xicos estÃ£o contaminando os solos brasileiros?. <i>Research, Society and Development</i> , 2019, 9, e114932569.	0.1	4
71	Growth of the fungus <i>Chaetomium aureum</i> in the presence of lead: implications in bioremediation. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	6
72	Biomonitoring of trace elements in urine samples of children from a coal-mining region. <i>Chemosphere</i> , 2018, 197, 622-626.	8.2	46

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73	Feet in danger: short exposure to contaminated soil causing health damage”an experimental study. <i>Environmental Science and Pollution Research</i> , 2018, 25, 8669-8675.	5.3	8
74	Vulnerability associated with “symptoms similar to those of mercury poisoning”in communities from Xingu River, Amazon basin. <i>Environmental Geochemistry and Health</i> , 2018, 40, 1145-1154.	3.4	13
75	Arsenic speciation in fish and shellfish from the North Sea (Southern bight) and AÅu Port area (Brazil) and health risks related to seafood consumption. <i>Chemosphere</i> , 2018, 191, 89-96.	8.2	63
76	Genotoxicity in Brazilian coal miners and its associated factors. <i>Human and Experimental Toxicology</i> , 2018, 37, 891-900.	2.2	24
77	Effect of mixing two environmental stressors, pH and metal contaminants, on offspring of rats exposed during gestation and lactation. <i>Environmental Science and Pollution Research</i> , 2018, 25, 35555-35561.	5.3	2
78	Sperm alterations in the Vesper mouse <i>Calomys laucha</i> exposed to soil contaminated with crude oil. <i>VITTALLE - Revista De CiÃncias Da SaÃde</i> , 2018, 30, 31-37.	0.2	3
79	Rapid tests for the toxicity evaluation of soil contaminated by leadacid batteries manufacture. <i>Ecotoxicology and Environmental Contamination</i> , 2018, 13, 11-17.	0.2	1
80	Comparing the CO2 emission by kilogram transported in normal flight and in a clear air turbulence area. <i>Revista Ibero-americana De CiÃncias Ambientais</i> , 2018, 9, 133-145.	0.1	0
81	Antinociceptive and Anti-inflammatory Activities of Marine Sponges <i>Aplysina Caissara</i> , <i>Haliclona</i> sp. and <i>Drugmacidon Reticulatum</i> . <i>Brazilian Archives of Biology and Technology</i> , 2018, 61, .	0.5	4
82	Biochemical responses induced by co-exposition to arsenic and titanium dioxide nanoparticles in the estuarine polychaete <i>Laeonereis acuta</i> . <i>Toxicology</i> , 2017, 376, 51-58.	4.2	32
83	Selenium content of Brazilian foods: A review of the literature values. <i>Journal of Food Composition and Analysis</i> , 2017, 58, 10-15.	3.9	52
84	Genotoxicity in adult residents in mineral coal region”a cross-sectional study. <i>Environmental Science and Pollution Research</i> , 2017, 24, 16806-16814.	5.3	24
85	Exposure to few-layer graphene through diet induces oxidative stress and histological changes in the marine shrimp <i>Litopenaeus vannamei</i> . <i>Toxicology Research</i> , 2017, 6, 205-214.	2.1	12
86	Genotoxicity in the Offspring of Rats Exposed to Contaminated and Acidified Experimentally Soils. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	6
87	<i>Mus spretus</i> as an environmental sentinel: A review of 17 years (1998”2015) of research in Mediterranean Europe. <i>Ecological Indicators</i> , 2017, 73, 61-67.	6.3	3
88	Mutagenic effect of contaminated soil on the offspring of exposed rats. <i>Acta Scientiarum - Health Sciences</i> , 2016, 38, 19.	0.2	6
89	Methylene blue toxicity in zebrafish cell line is dependent on light exposure. <i>Cell Biology International</i> , 2016, 40, 895-905.	3.0	18
90	Soil ecotoxicology in Brazil is taking its course. <i>Environmental Science and Pollution Research</i> , 2016, 23, 11363-11378.	5.3	39

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91	Protective effect of infrared-A radiation against damage induced by UVB radiation in the melan-a cell line. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 125-132.	3.8	8
92	Anti-inflammatory Effect and Toxicology Analysis of Oral Delivery Quercetin Nanosized Emulsion in Rats. <i>Pharmaceutical Research</i> , 2016, 33, 983-993.	3.5	29
93	Atividade antimicrobiana de extratos de <i>Ilex paraguariensis</i> . <i>Revista De Epidemiologia E Controle De InfecÃ§Ã£o</i> , 2016, 1, .	0.0	2
94	AvaliaÃ§Ã£o de <i>Ibicella lutea</i> como agente antimicrobiano frente Ã <i>Staphylococcus aureus</i> . <i>Revista De Epidemiologia E Controle De InfecÃ§Ã£o</i> , 2016, 6, .	0.0	0
95	Pointing to potential reference areas to assess soil mutagenicity. <i>Environmental Science and Pollution Research</i> , 2015, 22, 5212-5217.	5.3	5
96	Developmental effects of parental exposure to soil contaminated with urban metals. <i>Science of the Total Environment</i> , 2015, 520, 206-212.	8.0	8
97	Genotoxic evaluation in two amphibian species from Brazilian subtropical wetlands. <i>Ecological Indicators</i> , 2015, 49, 83-87.	6.3	28
98	Tools used to estimate soil quality in coal combustion waste areas. <i>Anais Da Academia Brasileira De Ciencias</i> , 2014, 86, 769-776.	0.8	1
99	Cell damage induced by copper: An explant model to study anemone cells. <i>Toxicology in Vitro</i> , 2014, 28, 365-372.	2.4	21
100	Ecotoxicological Tools for Landfarming Soil Evaluation in a Petrochemical Complex Area. <i>Pedosphere</i> , 2014, 24, 280-284.	4.0	19
101	Filamentous fungi isolated from Brazilian semiarid tolerant to metallurgical industry wastes: an ex situ evaluation. <i>Brazilian Archives of Biology and Technology</i> , 2014, 57, 723-727.	0.5	1
102	Acute toxicity of soil samples under the atmospheric influence of an industrial complex using Swiss mice. <i>Ecotoxicology and Environmental Contamination</i> , 2014, 9, 29-31.	0.2	3
103	Geno- and Cyto-toxicity in Free-Living Rodent <i>Mus spretus</i> Exposed to Simulated Onshore Oil Spill. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 91, 465-468.	2.7	8
104	Toxic effects of the ingestion of water-soluble elements found in soil under the atmospheric influence of an industrial complex. <i>Environmental Geochemistry and Health</i> , 2013, 35, 317-331.	3.4	26
105	Alterations in some renal parameters of rats induced by aqueous soil extracts. <i>Toxicological and Environmental Chemistry</i> , 2013, 95, 1030-1036.	1.2	6
106	Assessment of a soil with moderate level of contamination using lettuce seed assay and terrestrial isopods assimilation assay. <i>Soil and Water Research</i> , 2013, 8, 56-62.	1.7	13
107	Toxicity mechanisms of onion (<i>Allium cepa</i>) extracts and compounds in multidrug resistant erythroleukemic cell line. <i>Biological Research</i> , 2010, 43, 429-437.	3.4	20
108	Extraction parameters in the mutagenicity assay of soil samples. <i>Science of the Total Environment</i> , 2009, 407, 6017-6023.	8.0	23

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109	Using the Salmonella assay to delineate the dispersion routes of mutagenic compounds from coal wastes in contaminated soil. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 673, 116-123.	1.7	24
110	Avaliação de Áreas Sob a Influência de uma Termalética a Carvão Através de Ensaio de Genotoxicidade. <i>Journal of the Brazilian Society of Ecotoxicology</i> , 2007, 2, 197-199.	0.3	4
111	Anti-inflammatory and Antioxidant Effects of the Microalga <i>Pediastrum boryanum</i> in Carrageenan-Induced Rat Paw Edema. <i>Brazilian Archives of Biology and Technology</i> , 0, 64, .	0.5	1