Rivelino Cavalcante

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7775259/publications.pdf

Version: 2024-02-01

59 papers	1,462 citations	377584 21 h-index	371746 37 g-index
60 all docs	60 docs citations	60 times ranked	1866 citing authors

#	Article	IF	Citations
1	Are pesticides only a problem from rural areas? The case of a highly urbanised tropical mangrove (Fortaleza, CE, Brazil). International Journal of Environmental Analytical Chemistry, 2023, 103, 5868-5886.	1.8	4
2	A better understanding of air quality resulting from the effects of the 2020 pandemic in a city in the equatorial region (Fortaleza, Brazil). Environmental Science and Pollution Research, 2022, 29, 20921-20938.	2.7	4
3	Levels, source appointment, and ecological risk of petroleum hydrocarbons in tropical coastal ecosystems (northeast Brazil): Baseline for future monitoring programmes of an oil spill area. Environmental Pollution, 2022, 296, 118709.	3.7	26
4	Morphology, Chemical Characterization and Sources of Microplastics in a Coastal City in the Equatorial Zone with Diverse Anthropogenic Activities (Fortaleza city, Brazil). Journal of Polymers and the Environment, 2022, 30, 2862-2874.	2.4	12
5	Tracking the historical urban and rural sources of fecal pollution in a South American tropical semi-arid region using sterols and endocrine-disrupting chemicals. Science of the Total Environment, 2022, 838, 156497.	3.9	3
6	Dealing with complex contamination scenarios: using a multi-geochemical approach to assess environmental quality and identify pollution sources in a semi-arid estuary from Brazil. Environmental Monitoring and Assessment, 2022, 194, .	1.3	1
7	Influence of the seasonality and of urban variables in the BTEX and PM2.5 atmospheric levels and risks to human health in a tropical coastal city (Fortaleza, CE, Brazil). Environmental Science and Pollution Research, 2021, 28, 42670-42682.	2.7	10
8	Brazil oil spill response: Time for coordination. Science, 2020, 367, 155-155.	6.0	69
9	Use of an environmental diagnostic study on a coastal lagoon as a decision support tool for environmental management policies in a coastal zone. Management of Environmental Quality, 2020, 31, 167-184.	2.2	2
10	Simultaneous determination of multi-class pesticide metabolites in fish (Siluriformes: Ariidae): protocol developed for human dietary risk in CearÃ¡ coast, Brazil. Accreditation and Quality Assurance, 2020, 25, 185-199.	0.4	2
11	Health impact assessment of air pollution in the metropolitan region of Fortaleza, CearÃ¡, Brazil. Atmospheric Environment, 2020, 241, 117751.	1.9	12
12	Oil spill in South Atlantic (Brazil): Environmental and governmental disaster. Marine Policy, 2020, 115, 103879.	1.5	123
13	Marine debris on a tropical coastline: Abundance, predominant sources and fate in a region with multiple activities (Fortaleza, CearÃ¡, northeastern Brazil). Waste Management, 2020, 108, 13-20.	3.7	15
14	Influence of sediment parameters on the distribution and fate of PAHs in an estuarine tropical region located in the Brazilian semi-arid (Jaguaribe River, CearÃ¡ coast). Marine Pollution Bulletin, 2019, 146, 703-710.	2.3	23
15	Influence of anthropogenic activities and risk assessment on protected mangrove forest using traditional and emerging molecular markers (CearÃ¡ coast, northeastern Brazil). Science of the Total Environment, 2019, 656, 877-888.	3.9	23
16	Emerging and traditional organic markers: Baseline study showing the influence of untraditional anthropogenic activities on coastal zones with multiple activities (CearÃ¡ coast, Northeast Brazil). Marine Pollution Bulletin, 2019, 139, 256-262.	2.3	10
17	Emerging and Traditional Organic Markers in Areas with Multiple Anthropogenic Activities: Development of an Analytical Protocol and Its Application in Environmental Assessment Studies. Bulletin of Environmental Contamination and Toxicology, 2019, 102, 66-76.	1.3	11
18	CompreensÃ£o da formaÃ§Ã£o de NO2 proveniente das operaÃ§Ãµes de transporte urbano e suas relaÃ§Ãµes com agentes causais. Transportes, 2019, 27, 209-223.	0.3	2

#	Article	IF	Citations
19	InfluÃªncia da arborizaÃ§Ã£o e da edificaÃ§Ã£o na dispersÃ£o de material particulado respirÃ¡vel em cidade costeira altamente urbanizada (Fortaleza, CE-Brasil) (Influence of afforestation and building on the) Tj ETQq1 1 0.784314 rgBT /Overlock Revista Brasileira De Geografia Fisica, 2019, 12, 913.	0.0	1
20	Statistical Analysis for Quality Adjustment of the Analytical Curve for Determination of Pesticide Multiresidue in Pineapple Samples. Food Analytical Methods, 2018, 11, 466-478.	1.3	19
21	AvaliaÃ§Ã£o da exposiÃ§Ã£o e risco de cÃ¢ncer em trabalhadores da pavimentaÃ§Ã£o: um estudo baseado nos nÃveis de partÃculas respirÃ¡veis presentes nos fumos de asfalto. Transportes, 2018, 26, 16-30.	0.3	4
22	Environmental Quality Assessment in Areas Used for Physical Activity and Recreation in a City Affected by Intense Urban Expansion (Fortaleza-CE, Brazil): Implications for Public Health Policy. Exposure and Health, 2017, 9, 169-182.	2.8	15
23	Occurrence, distribution, and fate of pesticides in an intensive farming region in the Brazilian semi-arid tropics (Jaguaribe River, CearÃ¡). Journal of Soils and Sediments, 2017, 17, 1160-1169.	1.5	18
24	Influence of urbanization on air quality based on the occurrence of particle-associated polycyclic aromatic hydrocarbons in a tropical semiarid area (Fortaleza-CE, Brazil). Air Quality, Atmosphere and Health, 2017, 10, 437-445.	1.5	15
25	Preliminary assessment of Miramar Petrochemical Harbor as PAH source to GuajarÃ¡ bay (BelÃ©m-PA-Brazil) surface sediments. REM: International Engineering Journal, 2017, 70, 415-420.	0.2	5
26	CaracterizaÃ§Ã£o de cÃ¢nions urbanos e seus efeitos climÃ¡ticos em Ã¡rea com intenso processo de verticalizaÃ§Ã£o na cidade de Fortaleza-CE (Characterization of Urban Canyons and their Climatic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2017, 10, 1046.	0.0	1
27	Endocrine disruption in Sphoeroides testudineus tissues and sediments highlights contamination in a northeastern Brazilian estuary. Environmental Monitoring and Assessment, 2016, 188, 298.	1.3	13
28	Estimated Levels of Environmental Contamination and Health Risk Assessment for Herbicides and Insecticides in Surface Water of CearÃ¡, Brazil. Bulletin of Environmental Contamination and Toxicology, 2016, 96, 90-95.	1.3	38
29	The legacy of organochlorine pesticide usage in a tropical semi-arid region (Jaguaribe River, CearÃ¡,) Tj ETQq1 1 0.784314 rgBT /Overlock Science of the Total Environment, 2016, 542, 254-263.	3.9	57
30	AvaliaÃ§Ã£o do uso da cromatografia gasosa para detecÃ§Ã£o de hidrocarbonetos monoaromÃ¡ticos na Ã¡gua subterrÂ¢nea na regiÃ£o norte do municÃpio de Fortaleza (CE). Revista Ãguas SubterrÂ¢neas, 2016, 30, 289.	0.1	1
31	TransformaÃ§Ãµes MetabÃ³licas de AgrotÃ³xicos em Peixes: Uma RevisÃ£o. Orbital, 2016, 8, .	0.1	6
32	Uso da GeoestatÃstica na AvaliaÃ§Ã£o da DistribuiÃ§Ã£o de Material Particulado RespirÃ¡vel na Cidade de Fortaleza, CearÃ¡ (Use of Geostatistics in the Assessment of Respirable Particulate Matter Distribution) Tj ETQq0 0 0 rgBT /Overlock 10	0.0	2
33	Pesticide Degrading Bacteria in Aquatic Environment: Bioprospecting and Evaluation of Biotechnological Potential. Orbital, 2016, 8, .	0.1	0
34	AvaliaÃ§Ã£o ambiental da utilizaÃ§Ã£o de solo contaminado por derivados de petrÃ³leo (SCDP) em misturas asfÃ¡lticas. Transportes, 2016, 24, 77.	0.3	0
35	Carbonyl compounds from urban activities and their associated cancer risks: The influence of seasonality on air quality (Fortaleza-Ce, Brazil). Urban Climate, 2015, 13, 110-121.	2.4	10
36	CONTAMINATION OF AQUATIC ENVIRONMENTS BY "URBAN PESTICIDES": THE CASE OF COCÃ“ AND CEARÃ• RIVERS, FORTALEZA - CEARÃ, BRAZIL. Quimica Nova, 2015, , .	0.3	5

#	Article	IF	Citations
37	4-Hydroxy-2,5-dimethylphenyl-benzophenone: Conformational stability, FT-IR and Raman investigation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 102, 386-392.	2.0	10
38	InventÃ¡rio de agrotÃ³xicos e risco de contaminaÃ§Ã£o quÃmica dos recursos hÃdricos no semiÃ¡rido cearense. Quimica Nova, 2013, 36, 462-467.	0.3	28
39	Relation factor: A new strategy for quality control in the determination of pesticides in environmental aqueous matrices. Talanta, 2012, 93, 212-218.	2.9	24
40	Influence of urban activities on polycyclic aromatic hydrocarbons in precipitation: Distribution, sources and depositional flux in a developing metropolis, Fortaleza, Brazil. Science of the Total Environment, 2012, 414, 287-292.	3.9	20
41	Exposure and cancer risk assessment for formaldehyde and acetaldehyde in the hospitals, Fortaleza-Brazil. Building and Environment, 2011, 46, 2115-2120.	3.0	23
42	Development of a headspace-gas chromatography (HS-GC-PID-FID) method for the determination of VOCs in environmental aqueous matrices: Optimization, verification and elimination of matrix effect and VOC distribution on the Fortaleza Coast, Brazil. Microchemical Journal, 2010, 96, 337-343.	2.3	61
43	Polycyclic aromatic hydrocarbons from asphalt binder: extraction and characterization. Journal of the Brazilian Chemical Society, 2009, 20, 222-228.	0.6	15
44	Evaluation of Polycyclic Aromatic Hydrocarbons in Asphalt Binder Using Matrix Solid-Phase Dispersion and Gas Chromatography. Journal of Chromatographic Science, 2009, 47, 789-793.	0.7	19
45	Evaluation of a low-cost adsorbent for removal of toxic metal ions from wastewater of an electroplating factory. Journal of Environmental Management, 2009, 90, 3340-3344.	3.8	76
46	Risk assessment of trihalomethanes from tap water in Fortaleza, Brazil. Environmental Monitoring and Assessment, 2009, 151, 317-325.	1.3	50
47	The impact of urbanization on tropical mangroves (Fortaleza, Brazil): Evidence from PAH distribution in sediments. Journal of Environmental Management, 2009, 91, 328-335.	3.8	98
48	Removal of Copper, Nickel and Zinc Ions from Aqueous Solution by Chitosanâ€8â€Hydroxyquinoline Beads. Clean - Soil, Air, Water, 2008, 36, 292-298.	0.7	50
49	Removal of some polycyclic aromatic hydrocarbons from petrochemical wastewater using low-cost adsorbents of natural origin. Bioresource Technology, 2008, 99, 4515-4519.	4.8	210
50	TÃ©cnicas de extraÃ§Ãµes e procedimentos de clean-up para a determinaÃ§Ã£o de hidrocarbonetos policÃclicos aromÃ¡ticos (HPA) em sedimentos da costa do CearÃ¡. Quimica Nova, 2008, 31, 1371-1377.	0.3	30
51	Uso da casca de coco verde como adsorbente na remoÃ§Ã£o de metais tÃ³xicos. Quimica Nova, 2007, 30, 1153-1157.	0.3	39
52	Isolation and characterization of phenol-degrading yeasts from an oil refinery wastewater in Brazil. Mycopathologia, 2007, 164, 183-188.	1.3	29
53	UtilizaÃ§Ã£o da extraÃ§Ã£o em fase sÃ³lida (SPE) na determinaÃ§Ã£o de hidrocarbonetos policÃclicos aromÃ¡ticos em matrizes aquosas ambientais. Quimica Nova, 2007, 30, 560-564.	0.3	22
54	Determination of carbonyl compounds in air and cancer risk assessment in an academic institute in Fortaleza, Brazil. Atmospheric Environment, 2006, 40, 5701-5711.	1.9	61

#	Article	IF	Citations
55	Exposure Assessment for Formaldehyde and Acetaldehyde in the Workplace. Indoor and Built Environment, 2005, 14, 165-172.	1.5	24
56	Bioequivalence of Two Lamivudine Tablet Formulations. Arzneimittelforschung, 2001, 51, 310-314.	0.5	1
57	Strategy for Correction of Matrix Effect on the Determination of Pesticides in Water Bodies Using SPME-GC-FID. Journal of the Brazilian Chemical Society, 0, , .	0.6	4
58	ESTUDO COMPARATIVO DAS PROPRIEDADES QUÃMICAS DO RESÃDUO BORRA OLEOSA ASFÃLTICA E DO LIGANTE ASFÃLTICO DE PETRÃ“LEO. Holos, 0, 4, 45.	0.0	1
59	Multiresidue Determination of Endocrine Disrupting Compounds in Sewage Treatment Plants (SPE-HPLC-DAD). Journal of the Brazilian Chemical Society, 0, , .	0.6	4