

Carrizo D

List of Publications by Year in descending order

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75
papers

2,423
citations

186209

28
h-index

214721

47
g-index

78
all docs

78
docs citations

78
times ranked

3240
citing authors

#	ARTICLE	IF	CITATIONS
1	Food contamination during food process. Trends in Food Science and Technology, 2016, 48, 63-68.	7.8	204
2	Transitory microbial habitat in the hyperarid Atacama Desert. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2670-2675.	3.3	172
3	In Utero Exposure to Background Concentrations of DDT and Cognitive Functioning among Preschoolers. American Journal of Epidemiology, 2006, 164, 955-962.	1.6	164
4	Prenatal Dichlorodiphenyldichloroethylene (DDE) and Asthma in Children. Environmental Health Perspectives, 2005, 113, 1787-1790.	2.8	108
5	Plastics and microplastics on recreational beaches in Punta del Este (Uruguay): Unseen critical residents?. Environmental Pollution, 2016, 218, 931-941.	3.7	93
6	Exposure to Hexachlorobenzene during Pregnancy and Children's Social Behavior at 4 Years of Age. Environmental Health Perspectives, 2007, 115, 447-450.	2.8	91
7	Influence of Breastfeeding in the Accumulation of Polybromodiphenyl Ethers during the First Years of Child Growth. Environmental Science & Technology, 2007, 41, 4907-4912.	4.6	86
8	Early exposure to dichlorodiphenyldichloroethylene, breastfeeding and asthma at age six. Clinical and Experimental Allergy, 2006, 36, 1236-1241.	1.4	73
9	Effects of PCBs, p,p'-DDT, p,p'-DDE, HCB and $\hat{\alpha}$ -HCH on thyroid function in preschool children. Occupational and Environmental Medicine, 2008, 65, 452-457.	1.3	69
10	Extension of shelf life of two fatty foods using a new antioxidant multilayer packaging containing green tea extract. Innovative Food Science and Emerging Technologies, 2016, 33, 534-541.	2.7	64
11	Physical-chemical and Maternal Determinants of the Accumulation of Organochlorine Compounds in Four-Year-Old Children. Environmental Science & Technology, 2006, 40, 1420-1426.	4.6	62
12	Identification of microplastics in wastewater samples by means of polarized light optical microscopy. Environmental Science and Pollution Research, 2020, 27, 7409-7419.	2.7	56
13	Thyroid disruption at birth due to prenatal exposure to $\hat{\gamma}$ -hexachlorocyclohexane. Environment International, 2008, 34, 737-740.	4.8	54
14	Unprecedented rains decimate surface microbial communities in the hyperarid core of the Atacama Desert. Scientific Reports, 2018, 8, 16706.	1.6	54
15	Untargeted metabolomic analysis of human serum samples associated with exposure levels of Persistent organic pollutants indicate important perturbations in Sphingolipids and Glycerophospholipids levels. Chemosphere, 2017, 168, 731-738.	4.2	48
16	Discriminating sources and preservation of organic matter in surface sediments from five Antarctic lakes in the Fildes Peninsula (King George Island) by lipid biomarkers and compound-specific isotopic analysis. Science of the Total Environment, 2019, 672, 657-668.	3.9	41
17	Observation-Based Assessment of PBDE Loads in Arctic Ocean Waters. Environmental Science & Technology, 2016, 50, 2236-2245.	4.6	40
18	Atmospheric pressure solid analysis probe coupled to quadrupole-time of flight mass spectrometry as a tool for screening and semi-quantitative approach of polycyclic aromatic hydrocarbons, nitro-polycyclic aromatic hydrocarbons and oxo-polycyclic aromatic hydrocarbons in complex matrices. Talanta, 2015, 131, 175-184.	2.9	39

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19	Molecular biomarkers in the subsurface of the Salar Grande (Atacama, Chile) evaporitic deposits. <i>Biogeochemistry</i> , 2018, 140, 31-52.	1.7	39
20	Plastic ingestion by a generalist seabird on the coast of Uruguay. <i>Marine Pollution Bulletin</i> , 2016, 107, 71-76.	2.3	36
21	Integrated analysis of halogenated organic pollutants in sub-millilitre volumes of venous and umbilical cord blood sera. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 2265-2272.	1.9	35
22	Compound-specific bromine isotope analysis of brominated diphenyl ethers using gas chromatography multiple collector/inductively coupled plasma mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 2135-2142.	0.7	34
23	Distribution and Inventories of Polychlorinated Biphenyls in the Polar Mixed Layer of Seven Pan-Arctic Shelf Seas and the Interior Basins. <i>Environmental Science & Technology</i> , 2011, 45, 1420-1427.	4.6	33
24	A neuropeptide modulates sensory perception in the entomopathogenic nematode <i>Steinernema carpocapsae</i> . <i>PLoS Pathogens</i> , 2017, 13, e1006185.	2.1	33
25	Meconium and neurotoxicants: searching for a prenatal exposure timing. <i>Archives of Disease in Childhood</i> , 2006, 91, 642-646.	1.0	32
26	Pyrolysis of permethrin and formation of precursors of polychlorinated dibenzo-p-dioxins and dibenzofurans (PCDD/F) under non-oxidative conditions. <i>Chemosphere</i> , 2009, 74, 1435-1443.	4.2	32
27	Pentachlorobenzene, hexachlorobenzene, and pentachlorophenol in children's serum from industrial and rural populations after restricted use. <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 260-266.	2.9	31
28	Development of an active food packaging system with antioxidant properties based on green tea extract. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 364-373.	1.1	31
29	Simulating Mars Drilling Mission for Searching for Life: <i>Ground-Truthing</i> Lipids and Other Complex Microbial Biomarkers in the Iron-Sulfur Rich Río Tinto Analog. <i>Astrobiology</i> , 2020, 20, 1029-1047.	1.5	31
30	Direct screening of tobacco indicators in urine and saliva by Atmospheric Pressure Solid Analysis Probe coupled to quadrupole-time of flight mass spectrometry (ASAP-MS-Q-TOF-). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 149-156.	1.4	29
31	Characterization of plastic beach litter by Raman spectroscopy in South-western Spain. <i>Science of the Total Environment</i> , 2020, 744, 140890.	3.9	28
32	Biomarker Profiling of Microbial Mats in the Geothermal Band of Cerro Caliente, Deception Island (Antarctica): Life at the Edge of Heat and Cold. <i>Astrobiology</i> , 2019, 19, 1490-1504.	1.5	27
33	An evaluation of the sexual differences in the accumulation of organochlorine compounds in children at birth and at the age of 4 years. <i>Environmental Research</i> , 2010, 110, 244-250.	3.7	26
34	Compound-specific bromine isotope compositions of one natural and six industrially synthesised organobromine substances. <i>Environmental Chemistry</i> , 2011, 8, 127.	0.7	25
35	Spatial Distributions of DDTs in the Water Masses of the Arctic Ocean. <i>Environmental Science & Technology</i> , 2017, 51, 7913-7919.	4.6	25
36	Microbial Biomarker Transition in High-Altitude Sinter Mounds From El Tatio (Chile) Through Different Stages of Hydrothermal Activity. <i>Frontiers in Microbiology</i> , 2019, 9, 3350.	1.5	25

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37	Pan-Arctic River Fluxes of Polychlorinated Biphenyls. <i>Environmental Science & Technology</i> , 2011, 45, 8377-8384.	4.6	24
38	Adventitious root formation in olive (<i>Olea europaea</i> L.) microshoots: anatomical evaluation and associated biochemical changes in peroxidase and polyphenol oxidase activities. <i>Journal of Horticultural Science and Biotechnology</i> , 2013, 88, 53-59.	0.9	22
39	Mesoplastics and large microplastics along a use gradient on the Uruguay Atlantic coast: Types, sources, fates, and chemical loads. <i>Science of the Total Environment</i> , 2020, 721, 137734.	3.9	22
40	Inhabited subsurface wet smectites in the hyperarid core of the Atacama Desert as an analog for the search for life on Mars. <i>Scientific Reports</i> , 2020, 10, 19183.	1.6	21
41	Compound-specific bromine isotope analysis of methyl bromide using gas chromatography hyphenated with inductively coupled plasma multiple-collector mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2425-2432.	0.7	19
42	Rapid and simplified method for the analysis of polychloronaphthalene congener distributions in environmental and human samples by gas chromatography coupled to negative ion chemical ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1118, 271-277.	1.8	18
43	Assessment of prenatal exposure to persistent organohalogen compounds from cord blood serum analysis in two Mediterranean populations (Valencia and Menorca). <i>Journal of Environmental Monitoring</i> , 2011, 13, 422-432.	2.1	16
44	Constraining the preservation of organic compounds in Mars analog nontronites after exposure to acid and alkaline fluids. <i>Scientific Reports</i> , 2020, 10, 15097.	1.6	15
45	Fingerprinting molecular and isotopic biosignatures on different hydrothermal scenarios of Iceland, an acidic and sulfur-rich Mars analog. <i>Scientific Reports</i> , 2020, 10, 21196.	1.6	15
46	In utero and post-natal accumulation of organochlorine compounds in children under different environmental conditions. <i>Journal of Environmental Monitoring</i> , 2007, 9, 523.	2.1	14
47	Gas chromatographic-mass spectrometric analysis of polychlorostyrene congener mixtures in sediments, human sera and cord sera. <i>Journal of Chromatography A</i> , 2009, 1216, 5723-5729.	1.8	14
48	Centennial glacier retreat increases sedimentation and eutrophication in Subantarctic periglacial lakes: A study case of Lake Uruguay. <i>Science of the Total Environment</i> , 2021, 754, 142066.	3.9	14
49	Biological production of H_2 , CH_4 and CO_2 in the deep subsurface of the Iberian Pyrite Belt. <i>Environmental Microbiology</i> , 2021, 23, 3913-3922.	1.8	13
50	Management and research on plastic debris in Uruguayan Aquatic Systems: update and perspectives. <i>Journal of Integrated Coastal Zone Management</i> , 2015, 15, 377-393.	0.2	13
51	Diversity and Effect of Increasing Temperature on the Activity of Methanotrophs in Sediments of Fildes Peninsula Freshwater Lakes, King George Island, Antarctica. <i>Frontiers in Microbiology</i> , 2022, 13, 822552.	1.5	12
52	Lipid Biomarker and Carbon Stable Isotope Survey on the Dallol Hydrothermal System in Ethiopia. <i>Astrobiology</i> , 2019, 19, 1474-1489.	1.5	11
53	Methyl chloride and methyl bromide emissions from baking: an unrecognized anthropogenic source. <i>Science of the Total Environment</i> , 2016, 551-552, 327-333.	3.9	9
54	Untargeted metabolomic analysis of human serum samples associated with different levels of red meat consumption: A possible indicator of type 2 diabetes?. <i>Food Chemistry</i> , 2017, 221, 214-221.	4.2	9

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55	Time-Integrative Multibiomarker Detection in Triassic–Jurassic Rocks from the Atacama Desert: Relevance to the Search for Basic Life Beyond Earth. <i>Astrobiology</i> , 2021, 21, 1421-1437.	1.5	9
56	Lipid Profiles From Fresh Biofilms Along a Temperature Gradient on a Hydrothermal Stream at El Tatio (Chilean Andes), as a Proxy for the Interpretation of Past and Present Biomarkers Beyond Earth. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	7
57	A High-Volume Cryosampler and Sample Purification System for Bromine Isotope Studies of Methyl Bromide*. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 2095-2107.	0.5	6
58	Interlaboratory test for oxygen and hydrogen stable isotope analyses of geothermal fluids: Assessment of reservoir fluid compositions. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1799-1810.	0.7	5
59	Detection of Potential Lipid Biomarkers in Oxidative Environments by Raman Spectroscopy and Implications for the ExoMars 2020-Raman Laser Spectrometer Instrument Performance. <i>Astrobiology</i> , 2020, 20, 405-414.	1.5	5
60	Molecular and isotopic biogeochemistry on recently-formed soils on King George Island (Maritime) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142662.	3.9	5
61	Geomicrobiological Heterogeneity of Lithic Habitats in the Extreme Environment of Antarctic Nunataks: A Potential Early Mars Analog. <i>Frontiers in Microbiology</i> , 2021, 12, 670982.	1.5	5
62	The Barrier Effect of EVOH versus 1,4,7-trioxacyclotridecane-8,13-dione, a Non-intentionally Added Compound from Polyurethane Adhesives in Multilayer Food Packaging. <i>Packaging Technology and Science</i> , 2015, 28, 1039-1046.	1.3	4
63	Productivity Contribution of Paleozoic Woodlands to the Formation of Shale-Hosted Massive Sulfide Deposits in the Iberian Pyrite Belt (Tharsis, Spain). <i>Journal of Geophysical Research C: Biogeosciences</i> , 2018, 123, 1017-1040.	1.3	4
64	Raman spectroscopic peculiarities of Icelandic poorly crystalline minerals and their implications for Mars exploration. <i>Scientific Reports</i> , 2022, 12, 5640.	1.6	4
65	Ecological variability based on lipid biomarkers in astrobiologically interesting wetlands from the Argentinian central Andes. <i>FEMS Microbiology Ecology</i> , 2022, 98, .	1.3	4
66	Distribution of serum levels of persistent organic pollutants, heterocyclic aromatic amine theoretical intake and nutritional cofactors in a semi-rural island population. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22393-22401.	2.7	3
67	Methanogenesis at High Temperature, High Ionic Strength and Low pH in the Volcanic Area of Dallol, Ethiopia. <i>Microorganisms</i> , 2021, 9, 1231.	1.6	3
68	Interlaboratory test for stable carbon isotope analysis of dissolved inorganic carbon in geothermal fluids. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8685.	0.7	2
69	Unveiling microbial preservation under hyperacidic and oxidizing conditions in the Oligocene Rio Tinto deposit. <i>Scientific Reports</i> , 2021, 11, 21543.	1.6	2
70	Levels of PCB118 are Associated With Thyroid Hormone Concentrations in Children From General Population. <i>Epidemiology</i> , 2006, 17, S102.	1.2	1
71	Interpreting Molecular and Isotopic Biosignatures in Methane-Derived Authigenic Carbonates in the Light of a Potential Carbon Cycle in the Icy Moons. <i>Astrobiology</i> , 2022, 22, 552-567.	1.5	1
72	Biospeleothems Formed by Fungal Activity During the Early Holocene in the ‘‘Salar de Uyuni’’ Frontiers in Microbiology, 0, 13, .	1.5	1

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73	PRE-NATAL DDE AND ASTHMA IN CHILDREN. <i>Epidemiology</i> , 2005, 16, S26.	1.2	0
74	In Utero Exposure to Background Concentrations of DDT and Cognitive Functioning Among Preschoolers. <i>Epidemiology</i> , 2006, 17, S103.	1.2	0
75	Early Exposure to DDE and Asthma. <i>Epidemiology</i> , 2006, 17, S281-S282.	1.2	0