

# Karla Pozo

## List of Publications by Year in descending order

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62  
papers

3,389  
citations

136950

32  
h-index

138484

58  
g-index

62  
all docs

62  
docs citations

62  
times ranked

2750  
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward a Global Network for Persistent Organic Pollutants in Air: Results from the GAPS Study. <i>Environmental Science &amp; Technology</i> , 2006, 40, 4867-4873.	10.0	386
2	Seasonally Resolved Concentrations of Persistent Organic Pollutants in the Global Atmosphere from the First Year of the GAPS Study. <i>Environmental Science &amp; Technology</i> , 2009, 43, 796-803.	10.0	277
3	Passive-Sampler Derived Air Concentrations of Persistent Organic Pollutants on a North-South Transect in Chile. <i>Environmental Science &amp; Technology</i> , 2004, 38, 6529-6537.	10.0	241
4	Global pilot study for persistent organic pollutants (POPs) using PUF disk passive air samplers. <i>Environmental Pollution</i> , 2006, 144, 445-452.	7.5	151
5	Assessing seasonal and spatial trends of persistent organic pollutants (POPs) in Indian agricultural regions using PUF disk passive air samplers. <i>Environmental Pollution</i> , 2011, 159, 646-653.	7.5	128
6	Current Challenges in Air Sampling of Semivolatile Organic Contaminants: Sampling Artifacts and Their Influence on Data Comparability. <i>Environmental Science &amp; Technology</i> , 2014, 48, 14077-14091.	10.0	111
7	Characterization, source identification and risk associated with polyaromatic and chlorinated organic contaminants (PAHs, PCBs, PCBzs and OCPs) in the surface sediments of Hooghly estuary, India. <i>Chemosphere</i> , 2019, 221, 154-165.	8.2	109
8	Analysis of Polychlorinated Biphenyls in Concurrently Sampled Chinese Air and Surface Soil. <i>Environmental Science &amp; Technology</i> , 2008, 42, 6514-6518.	10.0	108
9	Spatial and temporal pattern of pesticides in the global atmosphere. <i>Journal of Environmental Monitoring</i> , 2010, 12, 1650.	2.1	106
10	Presence and characterization of microplastics in fish of commercial importance from the Biobío region in central Chile. <i>Marine Pollution Bulletin</i> , 2019, 140, 315-319.	5.0	98
11	Polychlorinated Naphthalenes in the Global Atmospheric Passive Sampling (GAPS) Study. <i>Environmental Science &amp; Technology</i> , 2007, 41, 2680-2687.	10.0	97
12	Survey of persistent organic pollutants (POPs) and polycyclic aromatic hydrocarbons (PAHs) in the atmosphere of rural, urban and industrial areas of Concepción, Chile, using passive air samplers. <i>Atmospheric Pollution Research</i> , 2012, 3, 426-434.	3.8	84
13	Levels and spatial distribution of polycyclic aromatic hydrocarbons (PAHs) in sediments from Lengua Estuary, central Chile. <i>Marine Pollution Bulletin</i> , 2011, 62, 1572-1576.	5.0	78
14	Altitudinal and Seasonal Variations of Persistent Organic Pollutants in the Bolivian Andes Mountains. <i>Environmental Science &amp; Technology</i> , 2008, 42, 2528-2534.	10.0	77
15	Assessing Polycyclic Aromatic Hydrocarbons (PAHs) using passive air sampling in the atmosphere of one of the most wood-smoke-polluted cities in Chile: The case study of Temuco. <i>Chemosphere</i> , 2015, 134, 475-481.	8.2	62
16	Influence of titanium dioxide nanoparticles on 2,3,7,8-tetrachlorodibenzo-p-dioxin bioconcentration and toxicity in the marine fish European sea bass ( <i>Dicentrarchus labrax</i> ). <i>Environmental Pollution</i> , 2015, 196, 185-193.	7.5	62
17	Using PUF disk passive samplers to simultaneously measure air concentrations of persistent organic pollutants (POPs) across the Tuscany Region, Italy. <i>Atmospheric Pollution Research</i> , 2012, 3, 88-94.	3.8	60
18	Persistent Organic Pollutants (POPs) in the atmosphere of agricultural and urban areas in the Province of Buenos Aires in Argentina using PUF disk passive air samplers. <i>Atmospheric Pollution Research</i> , 2014, 5, 170-178.	3.8	57

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19	Levels and spatial distribution of polycyclic aromatic hydrocarbons (PAHs) in superficial sediment from 15 Italian marine protected areas (MPA). <i>Marine Pollution Bulletin</i> , 2011, 62, 874-877.	5.0	54
20	Tracking polychlorinated biphenyls (PCBs) and polybrominated diphenyl ethers (PBDEs) in sediments and soils from the southwest of Buenos Aires Province, Argentina (South eastern part of the GRULAC) Tj ETQq0 0 OrqBT /Overlock 10 T		
21	Persistent organic pollutants sorbed in plastic resin pellet "Nurdles" from coastal areas of Central Chile. <i>Marine Pollution Bulletin</i> , 2020, 151, 110786.	5.0	47
22	Assessing levels and seasonal variations of current-use pesticides (CUPs) in the Tuscan atmosphere, Italy, using polyurethane foam disks (PUF) passive air samplers. <i>Environmental Pollution</i> , 2015, 205, 52-59.	7.5	46
23	Persistent Organic Pollutants (POPs) in the atmosphere of three Chilean cities using passive air samplers. <i>Science of the Total Environment</i> , 2017, 586, 107-114.	8.0	46
24	Retrospective analysis of "new" flame retardants in the global atmosphere under the GAPS Network. <i>Environmental Pollution</i> , 2016, 217, 62-69.	7.5	42
25	Persistent organic pollutants (POPs) in the atmosphere of coastal areas of the Ross Sea, Antarctica: Indications for long-term downward trends. <i>Chemosphere</i> , 2017, 178, 458-465.	8.2	42
26	Air monitoring of new and legacy POPs in the Group of Latin America and Caribbean (GRULAC) region. <i>Environmental Pollution</i> , 2018, 243, 1252-1262.	7.5	42
27	Records of polychlorinated biphenyls (PCBs) in sediments of four remote Chilean Andean Lakes. <i>Chemosphere</i> , 2007, 66, 1911-1921.	8.2	40
28	Atmospheric Concentrations of New Persistent Organic Pollutants and Emerging Chemicals of Concern in the Group of Latin America and Caribbean (GRULAC) Region. <i>Environmental Science &amp; Technology</i> , 2018, 52, 7240-7249.	10.0	40
29	Legacy and emergent POPs in the marine fauna of NE Greenland with special emphasis on the Greenland shark <i>Somniosus microcephalus</i> . <i>Rendiconti Lincei</i> , 2016, 27, 201-206.	2.2	39
30	First report on chlorinated pesticide deposition in a sediment core from a small lake in central Chile. <i>Chemosphere</i> , 2001, 45, 749-757.	8.2	38
31	Occurrence of antiparasitic pesticides in sediments near salmon farms in the northern Chilean Patagonia. <i>Marine Pollution Bulletin</i> , 2017, 115, 465-468.	5.0	35
32	Levels and spatial distribution of polychlorinated biphenyls (PCBs) in superficial sediment from 15 Italian Marine Protected Areas (MPA). <i>Marine Pollution Bulletin</i> , 2009, 58, 773-776.	5.0	34
33	A Prototype Passive Air Sampler for Measuring Dry Deposition of Polycyclic Aromatic Hydrocarbons. <i>Environmental Science and Technology Letters</i> , 2014, 1, 77-81.	8.7	33
34	Passive air sampling of persistent organic pollutants (POPs) and emerging compounds in Kolkata megacity and rural mangrove wetland Sundarban in India: An approach to regional monitoring. <i>Chemosphere</i> , 2017, 168, 1430-1438.	8.2	32
35	Marine plastic debris in Central Chile: Characterization and abundance of macroplastics and burden of persistent organic pollutants (POPs). <i>Marine Pollution Bulletin</i> , 2020, 152, 110881.	5.0	31
36	Contamination Profile of DDTs in the Shark <i>Somniosus microcephalus</i> from Greenland Seawaters. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 101, 7-13.	2.7	29

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37	Levels of Persistent Organic Pollutants (POPs) in sediments from Lengua estuary, central Chile. <i>Marine Pollution Bulletin</i> , 2014, 79, 338-341.	5.0	28
38	Towards a regional passive air sampling network and strategy for new POPs in the GRULAC region: Perspectives from the GAPS Network and first results for organophosphorus flame retardants. <i>Science of the Total Environment</i> , 2016, 573, 1294-1302.	8.0	27
39	Vertical and Temporal Distribution of Persistent Organic Pollutants in Toronto. 1. Organochlorine Pesticides. <i>Environmental Science &amp; Technology</i> , 2007, 41, 2172-2177.	10.0	26
40	<i>Trematomus bernacchii</i> as an indicator of POP temporal trend in the Antarctic seawaters. <i>Environmental Pollution</i> , 2016, 217, 19-25.	7.5	25
41	First measurement of human exposure to current use pesticides (CUPs) in the atmosphere of central Chile: The case study of Mauco cohort. <i>Atmospheric Pollution Research</i> , 2020, 11, 776-784.	3.8	24
42	Atmospheric Occurrence of Organochlorine Pesticides and Inhalation Cancer Risk in Urban Areas at Southeast Brazil. <i>Environmental Pollution</i> , 2021, 271, 116359.	7.5	22
43	Sources and diffusive air-water exchange of polycyclic aromatic hydrocarbons in an oligotrophic North Patagonian lake. <i>Science of the Total Environment</i> , 2020, 738, 139838.	8.0	18
44	Occurrence of chlorpyrifos in the atmosphere of the Araucanía Region in Chile using polyurethane foam-based passive air samplers. <i>Atmospheric Pollution Research</i> , 2016, 7, 706-710.	3.8	17
45	Preliminary characterization of polycyclic aromatic hydrocarbons, nitrated polycyclic aromatic hydrocarbons and polychlorinated dibenzo-p-dioxins and furans in atmospheric PM10 of an urban and a remote area of Chile. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 809-820.	2.2	16
46	Semivolatile Organic Compounds (SVOCs) in the atmosphere of Santiago de Cali, Valle del Cauca, Colombia along north-south transect using polyurethane foam disk as passive air samplers. <i>Atmospheric Pollution Research</i> , 2016, 7, 945-953.	3.8	16
47	Assessing persistent organic pollutants (POPs) in the Sicily Island atmosphere, Mediterranean, using PUF disk passive air samplers. <i>Environmental Science and Pollution Research</i> , 2016, 23, 20796-20804.	5.3	16
48	Assessment of seasonal variations in persistent organic pollutants across the region of Tuscany using passive air samplers. <i>Environmental Pollution</i> , 2017, 222, 609-616.	7.5	16
49	Characterization of urban pollution in two cities of the Puglia region in Southern Italy using field measurements and air quality (AQ) model approach. <i>Atmospheric Pollution Research</i> , 2014, 5, 34-41.	3.8	14
50	Records of organochlorine pesticides in soils and sediments on the southwest of Buenos Aires Province, Argentina. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	14
51	Paleolimnological studies of Laguna Chica of San Pedro (VIII Region): Diatoms, hydrocarbons and fatty acid records. <i>Revista Chilena De Historia Natural</i> , 2000, 73, 717.	1.2	13
52	Polybrominated Diphenyl Ethers (PBDEs) in Concepción Bay, central Chile after the 2010 Tsunami. <i>Marine Pollution Bulletin</i> , 2015, 95, 480-483.	5.0	13
53	Assessing Dicofol Concentrations in Air: Retrospective Analysis of Global Atmospheric Passive Sampling Network Samples from Agricultural Sites in India. <i>Environmental Science and Technology Letters</i> , 2016, 3, 150-155.	8.7	13
54	Occurrence of pyrethroids in the atmosphere of urban areas of Southeastern Brazil: Inhalation exposure and health risk assessment. <i>Environmental Pollution</i> , 2021, 290, 118020.	7.5	12

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55	Persistence, bioaccumulation and vertical transfer of pollutants in long-finned pilot whales stranded in Chilean Patagonia. <i>Science of the Total Environment</i> , 2021, 770, 145259.	8.0	11
56	Occurrence of perfluoroalkyl substances (PFASs) in marine plastic litter from coastal areas of Central Chile. <i>Marine Pollution Bulletin</i> , 2021, 172, 112818.	5.0	11
57	Occurrence and air-water diffusive exchange legacy persistent organic pollutants in an oligotrophic north Patagonian lake. <i>Environmental Research</i> , 2022, 204, 112042.	7.5	6
58	Local and regional sources of organochlorine pesticides in a rural zone in central Chile. <i>Atmospheric Pollution Research</i> , 2022, 13, 101411.	3.8	6
59	Multicompartmental analysis of POPs and PAHs in Concepci�n Bay, central Chile: Part II " Air-sea exchange during Austral summer. <i>Marine Pollution Bulletin</i> , 2022, 177, 113518.	5.0	5
60	TEMPORAL TRENDS OF POLYCYCLIC AROMATIC HYDROCARBONS (PAHs) IN A DATED SEDIMENT CORE OF A HIGH ATITUDE MOUNTAIN LAKE: CHUNGARA LAKE- NORTHERN CHILE (18� S). <i>Journal of the Chilean Chemical Society</i> , 2014, 59, 2564-2567.	1.2	4
61	Multicompartmental analysis of POPs and PAHs in Concepci�n Bay, central Chile: Part I " Levels and patterns after the 2010 tsunami. <i>Marine Pollution Bulletin</i> , 2022, 174, 113144.	5.0	4
62	Microplastics Pollution in Chile: Current Situation and Future Prospects. <i>Frontiers in Environmental Science</i> , 2021, 9, .	3.3	3