

# Belen Gonzalez-Gaya

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7898019/publications.pdf>

Version: 2024-02-01

22  
papers

975  
citations

516215

16  
h-index

794141

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1418  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-range transport of airborne microbes over the global tropical and subtropical ocean. <i>Nature Communications</i> , 2017, 8, 201.	5.8	127
2	High atmosphere-ocean exchange of semivolatile aromatic hydrocarbons. <i>Nature Geoscience</i> , 2016, 9, 438-442.	5.4	116
3	Biodegradation as an important sink of aromatic hydrocarbons in the oceans. <i>Nature Geoscience</i> , 2019, 12, 119-125.	5.4	114
4	Organophosphate Ester Flame Retardants and Plasticizers in the Global Oceanic Atmosphere. <i>Environmental Science &amp; Technology</i> , 2016, 50, 12831-12839.	4.6	109
5	Perfluoroalkylated Substances in the Global Tropical and Subtropical Surface Oceans. <i>Environmental Science &amp; Technology</i> , 2014, 48, 13076-13084.	4.6	108
6	Accumulation of Perfluoroalkylated Substances in Oceanic Plankton. <i>Environmental Science &amp; Technology</i> , 2017, 51, 2766-2775.	4.6	78
7	Suspect and non-target screening: the last frontier in environmental analysis. <i>Analytical Methods</i> , 2021, 13, 1876-1904.	1.3	51
8	Field Measurements of the Atmospheric Dry Deposition Fluxes and Velocities of Polycyclic Aromatic Hydrocarbons to the Global Oceans. <i>Environmental Science &amp; Technology</i> , 2014, 48, 5583-5592.	4.6	32
9	An optimized sample treatment method for the determination of antibiotics in seawater, marine sediments and biological samples using LC-TOF/MS. <i>Science of the Total Environment</i> , 2018, 643, 994-1004.	3.9	31
10	Background Concentrations of Polychlorinated Dibenzo-p-Dioxins, Dibenzofurans, and Biphenyls in the Global Oceanic Atmosphere. <i>Environmental Science &amp; Technology</i> , 2014, 48, 10198-10207.	4.6	27
11	Dysregulation of photosynthetic genes in oceanic <i>Prochlorococcus</i> populations exposed to organic pollutants. <i>Scientific Reports</i> , 2017, 7, 8029.	1.6	27
12	Suspect screening workflow comparison for the analysis of organic xenobiotics in environmental water samples. <i>Chemosphere</i> , 2021, 274, 129964.	4.2	25
13	Oceanic Sink and Biogeochemical Controls on the Accumulation of Polychlorinated Dibenzo-p-dioxins, Dibenzofurans, and Biphenyls in Plankton. <i>Environmental Science &amp; Technology</i> , 2015, 49, 13853-13861.	4.6	24
14	Vertical transport and sinks of perfluoroalkyl substances in the global open ocean. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 1957-1969.	1.7	24
15	Effects of aquaculture waste feeds and antibiotics on marine benthic ecosystems in the Mediterranean Sea. <i>Science of the Total Environment</i> , 2022, 806, 151190.	3.9	21
16	Focused ultrasound-based extraction for target analysis and suspect screening of organic xenobiotics in fish muscle. <i>Science of the Total Environment</i> , 2020, 740, 139894.	3.9	18
17	Characterization of the contamination fingerprint of wastewater treatment plant effluents in the Henares River Basin (central Spain) based on target and suspect screening analysis. <i>Science of the Total Environment</i> , 2022, 806, 151262.	3.9	16
18	Multi-Target Analysis and Suspect Screening of Xenobiotics in Milk by UHPLC-HRMS/MS. <i>Separations</i> , 2021, 8, 14.	1.1	13

#	ARTICLE	IF	CITATIONS
19	Gametogenesis-Related Fluctuations in Ovothiol Levels in the Mantle of Mussels from Different Estuaries: Fighting Oxidative Stress for Spawning in Polluted Waters. <i>Biomolecules</i> , 2020, 10, 373.	1.8	9
20	Stir-bar sorptive extraction. , 2020, , 493-530.		5
21	La contaminación olvidada: Lo invisible también es importante. <i>Metode</i> , 2020, , .	0.0	0
22	Efektuei Bideratutako Análisis ospitaleko efluenteetan disruptore endokrino potentzialen detekzioarako legamia bidezko in-vitro biosaioaz baliaituz. , 0, , .		0