## Gilberto Fillmann

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	An absurd scenario in 2021: Banned TBT-based antifouling products still available on the market. Science of the Total Environment, 2022, 805, 150377.	3.9	33
2	Genotoxic and mutagenic effects of chlorothalonil on the estuarine fish Micropogonias furnieri (Desmarest, 1823). Environmental Science and Pollution Research, 2022, 29, 23504-23511.	2.7	5
3	A preliminary study on multi-level biomarkers response of the tropical oyster Crassostrea brasiliana to exposure to the antifouling biocide DCOIT. Marine Pollution Bulletin, 2022, 174, 113241.	2.3	8
4	Mexican paradise under threat: The impact of antifouling biocides along the Yucatán Peninsula. Journal of Hazardous Materials, 2022, 427, 128162.	6.5	15
5	Biocides in antifouling paint formulations currently registered for use. Environmental Science and Pollution Research, 2022, 29, 30090-30101.	2.7	23
6	Distribution of PAHs and trace elements in Spartina densiflora and associated sediments from low to highly contaminated South American estuarine saltmarshes. Science of the Total Environment, 2022, 842, 156783.	3.9	4
7	How protected are marine protected areas: A case study of tributyltin in Latin America. Journal of Environmental Management, 2021, 278, 111543.	3.8	25
8	Rapid and cost-effective multiresidue analysis of pharmaceuticals, personal care products, and antifouling booster biocides in marine sediments using matrix solid phase dispersion. Chemosphere, 2021, 267, 129085.	4.2	19
9	Analytical methods for antifouling booster biocides determination in environmental matrices: A review. Trends in Environmental Analytical Chemistry, 2021, 29, e00108.	5.3	5
10	Dredging impacts on the toxicity and development of sediment quality values in a semi-arid region (CearĂ¡ state, NE Brazil). Environmental Research, 2021, 193, 110525.	3.7	15
11	Spatial and temporal distribution of Persistent Organic Pollutants and current use pesticides in the atmosphere of Argentinean Patagonia. Chemosphere, 2021, 266, 129015.	4.2	27
12	Spatial distribution of butyltins and imposex in eastern Brazilian Amazon. Marine Pollution Bulletin, 2021, 165, 112155.	2.3	8
13	Legacy and emerging antifouling biocide residues in a tropical estuarine system (Espirito Santo state,) Tj ETQq1	1 0,78431 2.3	4 rgBT /Ove 19
14	Long-term monitoring of Nucella lapillus imposex in Ria de Aveiro (Portugal): When will a full recovery happen?. Marine Pollution Bulletin, 2021, 168, 112411.	2.3	3
15	Ecological risk assessment of booster biocides in sediments of the Brazilian coastal areas. Chemosphere, 2021, 276, 130155.	4.2	16
16	Temporal evolution of imposex and butyltin contamination in Gemophos viverratus from São Vicente (Cabo Verde) - a countercurrent trend on the world scenario. Marine Pollution Bulletin, 2021, 170, 112633.	2.3	2
17	Polycyclic aromatic hydrocarbons in sediments and shellfish from Todos os Santos bay, Brazil. Marine Pollution Bulletin, 2021, 173, 112944.	2.3	12
18	Effects of chlorothalonil on the antioxidant defense system of mussels Perna perna. Ecotoxicology and Environmental Safety, 2020, 190, 110119.	2.9	15

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19	Impacts of the biocide chlorothalonil on biomarkers of oxidative stress, genotoxicity, and sperm quality in guppy Poecilia vivipara. Ecotoxicology and Environmental Safety, 2020, 188, 109847.	2.9	28
20	Are antifouling residues a matter of concern in the largest South American port?. Journal of Hazardous Materials, 2020, 398, 122937.	6.5	63
21	Histological and Behavioral Toxicity of Tributyltin in the Tropical Guppy Poecilia vivipara. Environmental Toxicology and Chemistry, 2020, 39, 1953-1963.	2.2	2
22	Disruption of fertility, placenta, pregnancy outcome, and multigenerational inheritance of hepatic steatosis by organotin exposure from contaminated seafood in rats. Science of the Total Environment, 2020, 723, 138000.	3.9	14
23	Aquatic organic matter: Classification and interaction with organic microcontaminants. Science of the Total Environment, 2019, 649, 1620-1635.	3.9	81
24	Passive sampling of pesticides and polychlorinated biphenyls along the Quequén Grande River watershed, Argentina. Environmental Toxicology and Chemistry, 2019, 38, 340-349.	2.2	12
25	Antifouling paint particles: Sources, occurrence, composition and dynamics. Water Research, 2018, 137, 47-56.	5.3	64
26	TBT is still a matter of concern in Peru. Chemosphere, 2018, 205, 253-259.	4.2	61
27	Antifouling booster biocide extraction from marine sediments: a fast and simple method based on vortex-assisted matrix solid-phase extraction. Environmental Science and Pollution Research, 2018, 25, 7553-7565.	2.7	11
28	Induction of oxidative stress by chlorothalonil in the estuarine polychaete Laeonereis acuta. Aquatic Toxicology, 2018, 196, 1-8.	1.9	47
29	Review: ecotoxicity of organic and organo-metallic antifouling co-biocides and implications for environmental hazard and risk assessments in aquatic ecosystems. Biofouling, 2018, 34, 34-52.	0.8	82
30	Assessment of organotins and imposex in two estuaries of the northeastern Brazilian coast. Marine Pollution Bulletin, 2018, 126, 473-478.	2.3	38
31	From TBT to booster biocides: Levels and impacts of antifouling along coastal areas of Panama. Environmental Pollution, 2018, 234, 243-252.	3.7	102
32	Air monitoring of new and legacy POPs in the Group of Latin America and Caribbean (GRULAC) region. Environmental Pollution, 2018, 243, 1252-1262.	3.7	42
33	Atmospheric Concentrations of New Persistent Organic Pollutants and Emerging Chemicals of Concern in the Group of Latin America and Caribbean (GRULAC) Region. Environmental Science & Technology, 2018, 52, 7240-7249.	4.6	40
34	Using rapid assessment of marine pollution (RAMP) techniques to assess the quality of marine sediments. Ecotoxicology and Environmental Contamination, 2018, 13, 99-106.	0.2	1
35	A comparative approach using biomarkers in feral and caged Neotropical fish: Implications for biomonitoring freshwater ecosystems in agricultural areas. Science of the Total Environment, 2017, 586, 598-609.	3.9	38
36	Butyltin contamination in Northern Chilean coast: Is there a potential risk for consumers?. Science of the Total Environment, 2017, 595, 209-217.	3.9	67

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37	Effects of harbor activities on sediment quality in a semi-arid region in Brazil. Ecotoxicology and Environmental Safety, 2017, 135, 137-151.	2.9	31
38	Distribution and bioaccumulation of butyltins in the edible gastropod <i>Odontocymbiola magellanica</i> . Marine Biology Research, 2016, 12, 608-620.	0.3	33
39	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. Science of the Total Environment, 2016, 573, 1294-1302.	3.9	27
40	Antifouling booster biocides in coastal waters of Panama: First appraisal in one of the busiest shipping zones. Marine Pollution Bulletin, 2016, 112, 415-419.	2.3	33
41	Imposex and butyltin contamination still evident in Chile after TBT global ban. Science of the Total Environment, 2016, 566-567, 446-453.	3.9	67
42	Spatiotemporal appraisal of TBT contamination and imposex along a tropical bay (Todos os Santos Bay,) Tj ETQqQ	0 0 0 rgBT 2.7	/Overlock 10 44
43	Sex steroid imbalances in the muricid Stramonita haemastoma from TBT contaminated sites. Environmental Science and Pollution Research, 2016, 23, 7861-7868.	2.7	17
44	Different carbon sources affect PCB accumulation by marine bivalves. Marine Environmental Research, 2016, 113, 62-69.	1.1	11
45	Multiple biomarker responses in Prochilodus lineatus subjected to short-term in situ exposure to streams from agricultural areas in Southern Brazil. Science of the Total Environment, 2016, 542, 44-56.	3.9	87
46	Responses of the CYP1A biomarker in Jenynsia multidentata and Phalloceros caudimaculatus and evaluation of a CYP1A refractory phenotype. Chemosphere, 2016, 144, 925-931.	4.2	15
47	Butyltins, polyaromatic hydrocarbons, organochlorine pesticides, and polychlorinated biphenyls in sediments and bivalve mollusks in a midâ€latitude environment from the Patagonian coastal zone. Environmental Toxicology and Chemistry, 2015, 34, 2750-2763.	2.2	52
48	Assessing Polychlorinated Dibenzo- <i>p</i> -dioxins and Polychlorinated Dibenzofurans in Air across Latin American Countries Using Polyurethane Foam Disk Passive Air Samplers. Environmental Science & Technology, 2015, 49, 3680-3686.	4.6	45
49	Venezuelan Caribbean Sea under the threat of TBT. Chemosphere, 2015, 119, 704-710.	4.2	52
50	Trace-elements, methylmercury and metallothionein levels in Magellanic penguin (Spheniscus) Tj ETQq0 0 0 rgBT 450-455.	/Overlock 2.3	10 Tf 50 22 23
51	Butyltin and PAH Contamination of Mar del Plata Port (Argentina) Sediments and Their Influence on Adjacent Coastal Regions. Bulletin of Environmental Contamination and Toxicology, 2015, 95, 513-520.	1.3	23
52	Environmental matrices effect in butyltin determinations by GC/MS. Ecotoxicology and Environmental Contamination, 2015, 10, 47-53.	0.2	3
53	PBDEs, PCBs and organochlorine pesticides distribution in edible fish from Negro River basin, Argentinean Patagonia. Chemosphere, 2014, 94, 135-142.	4.2	79
54	Co-exposure of the organic nanomaterial fullerene C60 with benzo[a]pyrene in Danio rerio (zebrafish) hepatocytes: Evidence of toxicological interactions. Aquatic Toxicology, 2014, 147, 76-83.	1.9	55

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55	PBDE levels in franciscana dolphin (Pontoporia blainvillei): Temporal trend and geographical comparison. Science of the Total Environment, 2014, 493, 405-410.	3.9	22
56	Microplastics in the pelagic environment around oceanic islands of the Western Tropical Atlantic Ocean. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	109
57	Multimatrix measurement of persistent organic pollutants in Mar Chiquita, a continental saline shallow lake. Science of the Total Environment, 2014, 490, 73-80.	3.9	51
58	The Influence of Salinity and Matrix Effect in the Determination of Antifouling Biocides in Estuarine Waters of Patos Lagoon (Southern Brazil). Journal of the Brazilian Chemical Society, 2014, , .	0.6	2
59	Assessment of Argentinean Patagonia pollution: PBDEs, OCPs and PCBs in different matrices from the RÃo Negro basin. Science of the Total Environment, 2013, 452-453, 275-285.	3.9	80
60	Integrated quality assessment of sediments from harbour areas in Santos-São Vicente Estuarine System, Southern Brazil. Estuarine, Coastal and Shelf Science, 2013, 130, 179-189.	0.9	81
61	Removal of traces of mercury from a carrier gas for analytical purpose. Journal of Analytical Science and Technology, 2013, 4, .	1.0	0
62	Assessment of Persistent Organic Pollutants in the Atmosphere of Latin America. ACS Symposium Series, 2013, , 183-199.	0.5	3
63	Organotin pollution from pleasure craft at Paraty, a tourist area of Southeastern Brazil: amelioration or interference?. Brazilian Journal of Oceanography, 2013, 61, 177-186.	0.6	20
64	First Appraisal of Water Contamination by Antifouling Booster Biocide of 3 <sup>rd</sup> Generation at Itaqui Harbor (São Luiz - Maranhão - Brazil). Journal of the Brazilian Chemical Society, 2013, , .	0.6	4
65	Avaliação do residual de bifenilos policlorados em músculo congelado e lombo cozido congelado de atum (Katsuwonus pelamis). Revista Do Instituto Adolfo Lutz, 2013, , .	0.0	0
66	In vitro exposure to fullerene C <sub>60</sub> influences redox state and lipid peroxidation in brain and gills from <i>Cyprinus carpio</i> (Cyprinidae). Environmental Toxicology and Chemistry, 2012, 31, 961-967.	2.2	23
67	Imposex reduction and residual butyltin contamination in southern Brazilian harbors. Environmental Toxicology and Chemistry, 2012, 31, 947-954.	2.2	39
68	High tributyltin and imposex levels in the commercial muricid <i>Thais chocolata</i> from two Peruvian harbor areas. Environmental Toxicology and Chemistry, 2012, 31, 955-960.	2.2	44
69	Increasing levels of persistent organic pollutants in rainbow trout (Oncorhynchus mykiss) following a mega-flooding episode in the Negro River basin, Argentinean Patagonia. Science of the Total Environment, 2012, 419, 233-239.	3.9	33
70	Butyltin Compounds and Imposex Levels in Ecuador. Archives of Environmental Contamination and Toxicology, 2012, 62, 68-77.	2.1	58
71	Organotin contamination in South American coastal areas. Environmental Monitoring and Assessment, 2012, 184, 1781-1799.	1.3	74
72	Silver speciation in liver of marine mammals by synchrotron X-ray absorption fine structure and X-ray fluorescence spectroscopies. Journal of Environmental Monitoring, 2011, 13, 1678.	2.1	14

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73	Antioxidant responses in the polychaetePerinereis gualpensis(Nereididae) exposed to the carbon nanomaterial fullerene (C60). Chemistry and Ecology, 2011, 27, 43-48.	0.6	7
74	Input of organic matter in a large south american tropical estuary (Paranaguá Estuarine System,) Tj ETQq0 0 0 Chemical Society, 2011, 22, 1585-1594.	rgBT /Ovei 0.6	rlock 10 Tf 50 37
75	Tintas anti-incrustantes de terceira geração: novos biocidas no ambiente aquático. Quimica Nova, 2011, 34, 1021-1031.	0.3	43
76	Polybrominated diphenyl ethers and organochlorine compound levels in brown trout (Salmo trutta) from Andean Patagonia, Argentina. Chemosphere, 2011, 83, 1597-1602.	4.2	48
77	Comparative toxicity of antifouling compounds on the development of sea urchin. Ecotoxicology, 2011, 20, 1870-1880.	1.1	32
78	Assessing the effects of Cu, Cd, and exposure period on metallothionein production in gills of the Brazilian brown mussel Perna perna by using factorial design. Environmental Monitoring and Assessment, 2011, 179, 155-162.	1.3	9
79	Plastic Pollution at a Sea Turtle Conservation Area in NE Brazil: Contrasting Developed and Undeveloped Beaches. Estuaries and Coasts, 2011, 34, 814-823.	1.0	58
80	Temporal trend of litter contamination at Cassino beach, Southern Brazil. Journal of Integrated Coastal Zone Management, 2011, 11, 97-102.	0.2	20
81	Long-term trends of polychlorinated biphenyls and chlorinated pesticides in franciscana dolphin (Pontoporia blainvillei) from Southern Brazil. Marine Pollution Bulletin, 2010, 60, 412-418.	2.3	30
82	ls marine debris ingestion still a problem for the coastal marine biota of southern Brazil?. Marine Pollution Bulletin, 2010, 60, 396-401.	2.3	245
83	Anthropogenic organic matter inputs indicated by sedimentary fecal steroids in a large South American tropical estuary (ParanaguÃj estuarine system, Brazil). Marine Pollution Bulletin, 2010, 60, 2137-2143.	2.3	68
84	Lethal and Sub-Lethal Effects of the Water-Soluble Fraction of a Light Crude Oil on the Planktonic Copepod Acartia tonsa. Journal of the Brazilian Society of Ecotoxicology, 2010, 5, 19-25.	0.3	15
85	Avaliação do Copépodo Acartia tonsa (Dana, 1849) como Organismo-Teste para Ensaios de Toxicidade Crônica. Journal of the Brazilian Society of Ecotoxicology, 2010, 5, 27-32.	0.3	7
86	Skin irritation and histopathologic alterations in rats exposed to lightstick contents, UV radiation and seawater. Ecotoxicology and Environmental Safety, 2009, 72, 2020-2024.	2.9	9
87	Does light-stick content pose any threat to marine organisms?. Environmental Toxicology and Pharmacology, 2009, 27, 155-157.	2.0	10
88	Biochemical normalization of trace metals in Arctocephalus australis. Brazilian Journal of Oceanography, 2009, 57, 1-6.	0.6	1
89	A baseline study of perfluorochemicals in Franciscana dolphin and Subantarctic fur seal from coastal waters of Southern Brazil. Marine Pollution Bulletin, 2008, 56, 778-781.	2.3	22
90	Total mercury, organic mercury and selenium in liver and kidney of a South American coastal dolphin. Environmental Pollution, 2008, 154, 98-106.	3.7	35

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91	Influence of effluents from a Wastewater Treatment Plant on nutrient distribution in a coastal creek from southern Brazil. Brazilian Archives of Biology and Technology, 2008, 51, 153-162.	0.5	21
92	Accumulation patterns of organochlorines in juveniles of Arctocephalus australis found stranded along the coast of Southern Brazil. Environmental Pollution, 2007, 146, 262-267.	3.7	21
93	Natural and anthropogenic sterols inputs in surface sediments of Patos Lagoon, Brazil. Journal of the Brazilian Chemical Society, 2007, 18, 106-115.	0.6	70
94	Validation of immunoassay methods to determine hydrocarbon contamination in estuarine sediments. Journal of the Brazilian Chemical Society, 2007, 18, 774-781.	0.6	4
95	Photodynamic Action of Benzo[a]pyrene in K562 Cells. Photochemistry and Photobiology, 2007, 83, 1358-1363.	1.3	13
96	Ecological and biological determinants of trace elements accumulation in liver and kidney of Pontoporia blainvillei. Science of the Total Environment, 2007, 385, 208-220.	3.9	47
97	Preliminary Appraisal of Imposex in Areas Under the Influence of Southern Brazilian Harbors. Journal of the Brazilian Society of Ecotoxicology, 2007, 2007, 73-79.	0.3	19
98	Perfluorooctanesulfonate and Related Fluorochemicals in Albatrosses, Elephant Seals, Penguins, and Polar Skuas from the Southern Ocean. Environmental Science & Technology, 2006, 40, 7642-7648.	4.6	143
99	Distribution and transportability of hexabromocyclododecane (HBCD) in the Asia-Pacific region using skipjack tuna as a bioindicator. Environmental Pollution, 2006, 144, 238-247.	3.7	82
100	Influence of socio-economic characteristics of beach users on litter generation. Ocean and Coastal Management, 2005, 48, 742-752.	2.0	188
101	The use of steroid markers to assess sewage contamination of the Black Sea. Marine Pollution Bulletin, 2005, 50, 310-318.	2.3	60
102	Natural and anthropogenic hydrocarbon inputs to sediments of Patos Lagoon Estuary, Brazil. Environment International, 2005, 31, 77-87.	4.8	154
103	Global pollution monitoring of polychlorinated dibenzo-p-dioxins (PCDDs), furans (PCDFs) and coplanar polychlorinated biphenyls (coplanar PCBs) using skipjack tuna as bioindicator. Environmental Pollution, 2005, 136, 303-313.	3.7	57
104	Lysosomal responses as a diagnostic tool for the detection of chronic petroleum pollution at Todos os Santos Bay, Brazil. Environmental Research, 2005, 99, 387-396.	3.7	25
105	Assessing the potential toxicity of marine sediments found in petroleum industry areas: A new approach based on responses of postlarval shrimp. Ciencias Marinas, 2005, 31, 43-55.	0.4	7
106	Concentration and subcellular distribution of trace elements in liver of small cetaceans incidentally caught along the Brazilian coast. Marine Pollution Bulletin, 2004, 49, 574-587.	2.3	86
107	Contamination by Persistent Organochlorines in Cetaceans Incidentally Caught Along Brazilian Coastal Waters. Archives of Environmental Contamination and Toxicology, 2004, 46, 124-134.	2.1	47
108	Global Pollution Monitoring of Polybrominated Diphenyl Ethers Using Skipjack Tuna as a Bioindicator. Environmental Science & Technology, 2004, 38, 2312-2316.	4.6	158

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109	Perfluorooctanesulfonate and Related Fluorochemicals in Human Blood from Several Countries. Environmental Science & Technology, 2004, 38, 4489-4495.	4.6	927
110	Urinary PAH Metabolites as Biomarkers of Exposure in Aquatic Environments. Environmental Science & Technology, 2004, 38, 2649-2656.	4.6	37
111	Global pollution monitoring of butyltin compounds using skipjack tuna as a bioindicator. Environmental Pollution, 2004, 127, 1-12.	3.7	60
112	Litter contamination processes and management perspectives on the southern Brazilian coast. International Journal of Environment and Pollution, 2004, 21, 153.	0.2	27
113	Global Pollution Monitoring of PCBs and Organochlorine Pesticides Using Skipjack Tuna as a Bioindicator. Archives of Environmental Contamination and Toxicology, 2003, 45, 378-89.	2.1	95
114	Evaluation of a commercially available ELISA kit as a tool to determine BTEX in groundwater. Environmental Technology (United Kingdom), 2003, 24, 665-670.	1.2	5
115	A non-destructive assessment of the exposure of crabs to PAH using ELISA analyses of their urine and haemolymph. Marine Environmental Research, 2002, 54, 823-828.	1.1	16
116	Rapid Assessment of Marine Pollution Using Multiple Biomarkers and Chemical Immunoassays. Environmental Science & Technology, 2002, 36, 2219-2226.	4.6	121
117	Persistent organochlorine residues in sediments from the Black Sea. Marine Pollution Bulletin, 2002, 44, 122-133.	2.3	101
118	Petroleum and PAH contamination of the Black Sea. Marine Pollution Bulletin, 2002, 44, 48-62.	2.3	453
119	Relative performance of immunochemical (enzyme-linked immunosorbent assay) and gas chromatography–electron-capture detection techniques to quantify polychlorinated biphenyls in mussel tissues. Analytica Chimica Acta, 2002, 461, 75-84.	2.6	23
120	Freshwater outflow and Subtropical Convergence influence on phytoplankton biomass on the southern Brazilian continental shelf. Continental Shelf Research, 1995, 15, 1737-1756.	0.9	210
121	Retardantes de chama bromados: uma revisão. Quimica Nova, 0, , .	0.3	5