

# Cecile Miede

## List of Publications by Year in descending order

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66  
papers

3,363  
citations

126708

33  
h-index

143772

57  
g-index

66  
all docs

66  
docs citations

66  
times ranked

4059  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fate of pharmaceuticals and personal care products in wastewater treatment plants – Conception of a database and first results. <i>Environmental Pollution</i> , 2009, 157, 1721-1726.	3.7	584
2	Towards the review of the European Union Water Framework Directive: Recommendations for more efficient assessment and management of chemical contamination in European surface water resources. <i>Science of the Total Environment</i> , 2017, 576, 720-737.	3.9	255
3	Occurrence and removal of estrogens and beta blockers by various processes in wastewater treatment plants. <i>Science of the Total Environment</i> , 2010, 408, 4257-4269.	3.9	185
4	Chemical calibration, performance, validation and applications of the polar organic chemical integrative sampler (POCIS) in aquatic environments. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 36, 144-175.	5.8	163
5	Effect of the various parameters governing solid-phase microextraction for the trace-determination of pesticides in water. <i>Journal of Chromatography A</i> , 1998, 795, 27-42.	1.8	115
6	Prediction of the Fate of Organic Compounds in the Environment From Their Molecular Properties: A Review. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 1277-1377.	6.6	105
7	Immunosorbents: natural molecular recognition materials for sample preparation of complex environmental matrices. <i>TrAC - Trends in Analytical Chemistry</i> , 1999, 18, 219-235.	5.8	97
8	Position paper on passive sampling techniques for the monitoring of contaminants in the aquatic environment – Achievements to date and perspectives. <i>Trends in Environmental Analytical Chemistry</i> , 2015, 8, 20-26.	5.3	92
9	Removal efficiency of pharmaceuticals and personal care products with varying wastewater treatment processes and operating conditions – conception of a database and first results. <i>Water Science and Technology</i> , 2008, 57, 49-56.	1.2	85
10	Determination of uptake kinetics and sampling rates for 56 organic micropollutants using –œpharmaceutical–œ-POCIS. <i>Talanta</i> , 2013, 109, 61-73.	2.9	82
11	Analysis of estrogens in environmental matrices. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 1113-1131.	5.8	80
12	Optimization, validation and comparison of various extraction techniques for the trace determination of polycyclic aromatic hydrocarbons in sewage sludges by liquid chromatography coupled to diode-array and fluorescence detection. <i>Journal of Chromatography A</i> , 2003, 995, 87-97.	1.8	71
13	Spatial and temporal trends in PCBs in sediment along the lower Rh–ne River, France. <i>Science of the Total Environment</i> , 2012, 433, 189-197.	3.9	64
14	Occurrence of priority and emerging organic compounds in fishes from the Rhone River (France). <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 2721-2735.	1.9	63
15	Occurrence and fate of relevant substances in wastewater treatment plants regarding Water Framework Directive and future legislations. <i>Water Science and Technology</i> , 2012, 65, 1179-1189.	1.2	57
16	An in situ intercomparison exercise on passive samplers for monitoring metals, polycyclic aromatic hydrocarbons and pesticides in surface waters. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 36, 128-143.	5.8	56
17	On-site evaluation of the removal of 100 micro-pollutants through advanced wastewater treatment processes for reuse applications. <i>Water Science and Technology</i> , 2011, 63, 2486-2497.	1.2	55
18	Limiting the emissions of micro-pollutants: what efficiency can we expect from wastewater treatment plants?. <i>Water Science and Technology</i> , 2011, 63, 57-65.	1.2	54

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19	Optimization and validation of solvent and supercritical-fluid extractions for the trace-determination of polycyclic aromatic hydrocarbons in sewage sludges by liquid chromatography coupled to diode-array and fluorescence detection. <i>Journal of Chromatography A</i> , 1998, 823, 219-230.	1.8	51
20	Occurrence of betablockers in effluents of wastewater treatment plants from the Lyon area (France) and risk assessment for the downstream rivers. <i>Talanta</i> , 2006, 70, 739-744.	2.9	51
21	An interlaboratory study on passive sampling of emerging water pollutants. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 76, 153-165.	5.8	50
22	Method validation for the analysis of estrogens (including conjugated compounds) in aqueous matrices. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 237-244.	5.8	48
23	Ozonation of 47 organic micropollutants in secondary treated municipal effluents: Direct and indirect kinetic reaction rates and modelling. <i>Chemosphere</i> , 2021, 262, 127969.	4.2	48
24	Correlations between dioxin-like and indicators PCBs: Potential consequences for environmental studies involving fish or sediment. <i>Environmental Pollution</i> , 2009, 157, 3451-3456.	3.7	46
25	Influence of water depth and season on the photodegradation of micropollutants in a free-water surface constructed wetland receiving treated wastewater. <i>Chemosphere</i> , 2019, 235, 260-270.	4.2	46
26	The NORMAN Association and the European Partnership for Chemicals Risk Assessment (PARC): let's cooperate!. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	46
27	A review of the photodegradability and transformation products of 13 pharmaceuticals and pesticides relevant to sewage polishing treatment. <i>Science of the Total Environment</i> , 2016, 551-552, 712-724.	3.9	44
28	Evaluation of estrogenic disrupting potency in aquatic environments and urban wastewaters by combining chemical and biological analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 186-195.	5.8	43
29	Evaluating the polar organic chemical integrative sampler for the monitoring of beta-blockers and hormones in wastewater treatment plant effluents and receiving surface waters. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 279-288.	2.2	42
30	Kinetic accumulation processes and models for 43 micropollutants in pharmaceutical-POCIS. <i>Science of the Total Environment</i> , 2018, 615, 197-207.	3.9	42
31	Selective immunoclean-up followed by liquid or gas chromatography for the monitoring of polycyclic aromatic hydrocarbons in urban waste water and sewage sludges used for soil amendment. <i>Journal of Chromatography A</i> , 1999, 859, 29-39.	1.8	39
32	Polar organic chemical integrative sampler (POCIS): application for monitoring organic micropollutants in wastewater effluent and surface water. <i>Journal of Environmental Monitoring</i> , 2012, 14, 626-635.	2.1	39
33	Impact of wastewater treatment plants on receiving surface waters and a tentative risk evaluation: the case of estrogens and beta blockers. <i>Environmental Science and Pollution Research</i> , 2014, 21, 1708-1722.	2.7	35
34	How accurately do semi-permeable membrane devices measure the bioavailability of polycyclic aromatic hydrocarbons to <i>Daphnia magna</i> ?. <i>Chemosphere</i> , 2005, 61, 1734-1739.	4.2	31
35	Metal measurement in aquatic environments by passive sampling methods: Lessons learning from an in situ intercomparison exercise. <i>Environmental Pollution</i> , 2016, 208, 299-308.	3.7	31
36	Sampling of suspended particulate matter using particle traps in the Rhône River: Relevance and representativeness for the monitoring of contaminants. <i>Science of the Total Environment</i> , 2018, 637-638, 538-549.	3.9	31

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37	Comparison of five integrative samplers in laboratory for the monitoring of indicator and dioxin-like polychlorinated biphenyls in water. <i>Chemosphere</i> , 2014, 98, 18-27.	4.2	27
38	Development and validation of an analytical method by LC-MS/MS for the quantification of estrogens in sewage sludge. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 1841-1851.	1.9	24
39	Determination of the uptake and release rates of multifamilies of endocrine disruptor compounds on the polar C18 Chemcatcher. Three potential performance reference compounds to monitor polar pollutants in surface water by integrative sampling. <i>Journal of Chromatography A</i> , 2012, 1237, 37-45.	1.8	23
40	Direct photodegradation of 36 organic micropollutants under simulated solar radiation: Comparison with free-water surface constructed wetland and influence of chemical structure. <i>Journal of Hazardous Materials</i> , 2021, 407, 124801.	6.5	23
41	Lab-scale experimental strategy for determining micropollutant partition coefficient and biodegradation constants in activated sludge. <i>Environmental Science and Pollution Research</i> , 2015, 22, 4383-4395.	2.7	17
42	Removal efficiencies and kinetic rate constants of xenobiotics by ozonation in tertiary treatment. <i>Water Science and Technology</i> , 2017, 75, 2737-2746.	1.2	16
43	Survival tests with <i>Chironomus riparius</i> exposed to spiked sediments can profit from DEBtox model. <i>Water Research</i> , 2003, 37, 2691-2699.	5.3	15
44	Removal of xenobiotics from effluent discharge by adsorption on zeolite and expanded clay: an alternative to activated carbon?. <i>Environmental Science and Pollution Research</i> , 2014, 21, 5660-5668.	2.7	15
45	Hydro-climatic drivers of land-based organic and inorganic particulate micropollutant fluxes: The regime of the largest river water inflow of the Mediterranean Sea. <i>Water Research</i> , 2020, 185, 116067.	5.3	15
46	Mesurer les micropolluants dans les eaux usées brutes et traitées. <i>Techniques - Sciences - Methodes</i> , 2011, , 25-43.	0.0	15
47	Determining soil sources by organic matter EPR fingerprints in two modern speleothems. <i>Organic Geochemistry</i> , 2015, 88, 59-68.	0.9	14
48	Inter-laboratory mass spectrometry dataset based on passive sampling of drinking water for non-target analysis. <i>Scientific Data</i> , 2021, 8, 223.	2.4	14
49	Polar organic chemical integrative samplers as an effective tool for chemical monitoring of surface waters – Results from one-year monitoring in France. <i>Science of the Total Environment</i> , 2022, 824, 153549.	3.9	12
50	Rethinking micropollutant removal assessment methods for wastewater treatment plants – how to get more robust data?. <i>Water Science and Technology</i> , 2017, 75, 2964-2972.	1.2	11
51	Impact of dam flushing operations on sediment dynamics and quality in the upper Rhône River, France. <i>Journal of Environmental Management</i> , 2020, 255, 109886.	3.8	11
52	A pilot experiment to assess the efficiency of pharmaceutical plant wastewater treatment and the decreasing effluent toxicity to periphytic biofilms. <i>Journal of Hazardous Materials</i> , 2021, 411, 125121.	6.5	11
53	SEMIPERMEABLE MEMBRANE DEVICE-AVAILABILITY OF POLYCYCLIC AROMATIC HYDROCARBONS IN RIVER WATERS AND WASTEWATER TREATMENT PLANT EFFLUENTS. <i>Polycyclic Aromatic Compounds</i> , 2004, 24, 805-825.	1.4	10
54	Semi-permeable membrane device efficiency for sampling free soluble fraction of polycyclic aromatic hydrocarbons. <i>Analytica Chimica Acta</i> , 2005, 536, 259-266.	2.6	8

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55	To what extent can the biogeochemical cycling of mercury modulate the measurement of dissolved mercury in surface freshwaters by passive sampling?. <i>Chemosphere</i> , 2020, 248, 126006.	4.2	8
56	Évaluation technique, économique et environnementale de procédés de traitement complémentaire avancés pour l'élimination des micropolluants. <i>Techniques - Sciences - Methodes</i> , 2015, , 67-83.	0.0	8
57	Determination of diffusion coefficients in agarose and polyacrylamide gels for 112 organic chemicals for passive sampling by organic Diffusive Gradients in Thin films (o-DGT). <i>Environmental Science and Pollution Research</i> , 2022, 29, 25799-25809.	2.7	7
58	Devenir des micropolluants adsorbables à travers les procédés de traitement des boues. <i>Techniques - Sciences - Methodes</i> , 2015, , 84-102.	0.0	6
59	The Use of Spectrofluorimetry for Monitoring the Bioaccumulation and the Biotransformation of Polycyclic Aromatic Hydrocarbons in <i>Daphnia magna</i> . <i>Polycyclic Aromatic Compounds</i> , 2002, 22, 501-516.	1.4	5
60	Retention of $\hat{I}^2$ blockers on native titania stationary phase. <i>Journal of Separation Science</i> , 2011, 34, 1805-1810.	1.3	5
61	Élimination de micropolluants des eaux résiduaires urbaines par ozonation : retour d'expérience de la station d'épuration de Sophia Antipolis. <i>Techniques - Sciences - Methodes</i> , 2018, , 71-83.	0.0	4
62	The Use of Spectrofluorimetry for Monitoring the Bioaccumulation and the Biotransformation of Polycyclic Aromatic Hydrocarbons in <i>Daphnia magna</i> . , 0, .		4
63	Legacy micropollutant contamination levels in major river basins based on findings from the Rhône Sediment Observatory. <i>Hydrological Processes</i> , 2022, 36, .	1.1	4
64	Élimination des micropolluants par les stations d'épuration domestiques. <i>Sciences Eaux &amp; Territoires</i> , 2012, Numéro 9, 6-15.	0.1	3
65	Natural attenuation of priority and emerging contaminants during river bank filtration and artificial recharge. <i>European Journal of Water Quality</i> , 2011, 42, 123-133.	0.2	2
66	Rôle de la photogradation dans l'élimination des micropolluants organiques au sein d'une zone de rejet végétalisée de type bassin. <i>Techniques - Sciences - Methodes</i> , 2017, , 127-155.	0.0	0