Johnny Gasperi

List of Publications by Citations

111 papers	5,813 citations	36 h-index	75 g-index
125 ext. papers	7,312 ext. citations	6.2 avg, IF	6.14 L-index

#	Paper	IF	Citations
111	Synthetic fibers in atmospheric fallout: A source of microplastics in the environment?. *Marine Pollution Bulletin*, **2016**, 104, 290-3	6.7	789
110	Microplastic contamination in an urban area: a case study in Greater Paris. *Environmental Chemistry*, **2015**, 12, 592	3.2	681
109	A first overview of textile fibers, including microplastics, in indoor and outdoor environments. *Environmental Pollution*, **2017**, 221, 453-458	9.3	491
108	Microplastics in air: Are we breathing it in?. *Current Opinion in Environmental Science and Health*, **2018**, 1, 1-5	8.1	364
107	Beyond the ocean: contamination of freshwater ecosystems with (micro-)plastic particles. *Environmental Chemistry*, **2015**, 12, 539	3.2	278
106	Macroplastic and microplastic contamination assessment of a tropical river (Saigon River, Vietnam) transversed by a developing megacity. *Environmental Pollution*, **2018**, 236, 661-671	9.3	183
105	Study of a large scale powdered activated carbon pilot: Removals of a wide range of emerging and priority micropollutants from wastewater treatment plant effluents. *Water Research*, **2015**, 72, 315-30	12.5	165
104	Assessment of floating plastic debris in surface water along the Seine River. *Environmental Pollution*, **2014**, 195, 163-6	9.3	159
103	Priority pollutants in wastewater and combined sewer overflow. *Science of the Total Environment*, **2008**, 407, 263-72	10.2	148
102	Synthetic and non-synthetic anthropogenic fibers in a river under the impact of Paris Megacity: Sampling methodological aspects and flux estimations. *Science of the Total Environment*, **2018**, 618, 157-164	10.2	146
101	Micropollutants in urban stormwater: occurrence, concentrations, and atmospheric contributions for a wide range of contaminants in three French catchments. *Environmental Science and Pollution Research*, **2014**, 21, 5267-81	5.1	119
100	Removal of a wide range of emerging pollutants from wastewater treatment plant discharges by micro-grain activated carbon in fluidized bed as tertiary treatment at large pilot scale. *Science of the Total Environment*, **2016**, 542, 983-96	10.2	113
99	Removal of emerging micropollutants from wastewater by activated carbon adsorption: Experimental study of different activated carbons and factors influencing the adsorption of micropollutants in wastewater. *Journal of Environmental Chemical Engineering*, **2016**, 4, 1102-1109	6.8	99
98	Priority pollutants in urban stormwater: part 2 - case of combined sewers. *Water Research*, **2012**, 46, 6693-703	12.5	98
97	Organic micropollutants in a large wastewater treatment plant: What are the benefits of an advanced treatment by activated carbon adsorption in comparison to conventional treatment?. *Chemosphere*, **2019**, 218, 1050-1060	8.4	98
96	Contributions of wastewater, runoff and sewer deposit erosion to wet weather pollutant loads in combined sewer systems. *Water Research*, **2010**, 44, 5875-86	12.5	92
95	A Methodology to Characterize Riverine Macroplastic Emission Into the Ocean. *Frontiers in Marine Science*, **2018**, 5,	4.5	87

94	Meta-analysis of environmental contamination by phthalates. *Environmental Science and Pollution Research*, **2013**, 20, 8057-76	5.1	83
93	Meta-analysis of environmental contamination by alkylphenols. *Environmental Science and Pollution Research*, **2012**, 19, 3798-819	5.1	78
92	Anthropogenic particles in the stomach contents and liver of the freshwater fish Squalius cephalus. *Science of the Total Environment*, **2018**, 643, 1257-1264	10.2	70
91	Plastic Particle Ingestion by Wild Freshwater Fish: A Critical Review. *Environmental Science & Technology*, **2019**, 53, 12974-12988	10.3	69
90	Priority and emerging pollutants in sewage sludge and fate during sludge treatment. *Waste Management*, **2014**, 34, 1217-26	8.6	62
89	Priority pollutants in surface waters and settleable particles within a densely urbanized area: case study of Paris (France). *Science of the Total Environment*, **2009**, 407, 2900-8	10.2	59
88	Spatial variability of the characteristics of combined wet weather pollutant loads in Paris. *Water Research*, **2008**, 42, 539-49	12.5	58
87	Influence of dissolved organic matter on the removal of 12 organic micropollutants from wastewater effluent by powdered activated carbon adsorption. *Water Research*, **2020**, 172, 115487	12.5	54
86	Sources and Fate of Microplastics in Urban Areas: A Focus on Paris Megacity. *Handbook of Environmental Chemistry*, **2018**, 69-83	0.8	53
85	Fate of emerging and priority micropollutants during the sewage sludge treatment: Case study of Paris conurbation. Part 1: Contamination of the different types of sewage sludge. *Waste Management*, **2017**, 59, 379-393	8.6	51
84	First assessment of triclosan, triclocarban and paraben mass loads at a very large regional scale: case of Paris conurbation (France). *Science of the Total Environment*, **2014**, 493, 854-61	10.2	48
83	Seine Plastic Debris Transport Tenfolded During Increased River Discharge. *Frontiers in Marine Science*, **2019**, 6,	4.5	47
82	Treatment of combined sewer overflows by ballasted flocculation: Removal study of a large broad spectrum of pollutants. *Chemical Engineering Journal*, **2012**, 211-212, 293-301	14.7	46
81	Hydrocarbons and Metals in Atmospheric Deposition and Roof Runoff in Central Paris. *Water, Air, and Soil Pollution*, **2004**, 159, 67-86	2.6	46
80	Temporal trends of persistent organic pollutants in dated sediment cores: Chemical fingerprinting of the anthropogenic impacts in the Seine River basin, Paris. *Science of the Total Environment*, **2016**, 541, 1355-1363	10.2	45
79	Phthalates and alkylphenols in industrial and domestic effluents: case of Paris conurbation (France). *Science of the Total Environment*, **2014**, 488-489, 26-35	10.2	43
78	Nitrite accumulation during denitrification depends on the carbon quality and quantity in wastewater treatment with biofilters. *Environmental Science and Pollution Research*, **2015**, 22, 10179-88	5.1	38
77	Seasonal fate and gas/particle partitioning of semi-volatile organic compounds in indoor and outdoor air. *Atmospheric Environment*, **2016**, 147, 423-433	5.3	38

76	Endocrine disrupting compounds in gaseous and particulate outdoor air phases according to environmental factors. *Chemosphere*, **2016**, 146, 94-104	8.4	37
75	Assessment of the Plastic Inputs From the Seine Basin to the Sea Using Statistical and Field Approaches. *Frontiers in Marine Science*, **2019**, 6,	4.5	34
74	Transfer dynamic of macroplastics in estuaries - New insights from the Seine estuary: Part 1. Long term dynamic based on date-prints on stranded debris. *Marine Pollution Bulletin*, **2020**, 152, 110894	6.7	32
73	Biofiltration vs conventional activated sludge plants: what about priority and emerging pollutants removal?. *Environmental Science and Pollution Research*, **2014**, 21, 5379-90	5.1	30
72	Occurrence and removal of priority pollutants by lamella clarification and biofiltration. *Water Research*, **2010**, 44, 3065-76	12.5	28
71	Impacts from urban water systems on receiving waters - How to account for severe wet-weather events in LCA?. *Water Research*, **2018**, 128, 412-423	12.5	25
70	Municipal wastewater treatment by biofiltration: comparisons of various treatment layouts. Part 1: assessment of carbon and nitrogen removal. *Water Science and Technology*, **2012**, 65, 1705-12	2.2	25
69	Temporal dynamic of anthropogenic fibers in a tropical river-estuarine system. *Environmental Pollution*, **2020**, 259, 113897	9.3	25
68	Fate and spatial variations of polybrominated diphenyl ethers in the deposition within a heavily urbanized area: case of Paris (France). *Water Science and Technology*, **2010**, 62, 822-8	2.2	24
67	Alkylphenolic compounds and bisphenol A contamination within a heavily urbanized area: case study of Paris. *Environmental Science and Pollution Research*, **2013**, 20, 2973-83	5.1	23
66	Analysis of the influence of rainfall variables on urban effluents concentrations and fluxes in wet weather. *Journal of Hydrology*, **2015**, 523, 320-332	6	22
65	Benefits of ozonation before activated carbon adsorption for the removal of organic micropollutants from wastewater effluents. *Chemosphere*, **2020**, 245, 125530	8.4	21
64	Plastic debris dataset on the Seine river banks: Plastic pellets, unidentified plastic fragments and plastic sticks are the Top 3 items in a historical accumulation of plastics. *Data in Brief*, **2019**, 23, 103697	1.2	20
63	Impacts of organic matter digestion protocols on synthetic, artificial and natural raw fibers. *Science of the Total Environment*, **2020**, 748, 141230	10.2	18
62	Impact of urban pressure on the spatial and temporal dynamics of PAH fluxes in an urban tributary of the Seine River (France). *Chemosphere*, **2019**, 219, 1002-1013	8.4	18
61	Removal of alkylphenols and polybromodiphenylethers by a biofiltration treatment plant during dry and wet-weather periods. *Water Science and Technology*, **2012**, 65, 1591-8	2.2	17
60	Assessment of the ecotoxicological risk of combined sewer overflows for an aquatic system using a coupled "substance and bioassay" approach. *Environmental Science and Pollution Research*, **2015**, 22, 4460-74	5.1	14
59	Quantitative and qualitative assessment of the impact of climate change on a combined sewer overflow and its receiving water body. *Environmental Science and Pollution Research*, **2015**, 22, 11905-21	5.1	14

58	Contamination of soils by metals and organic micropollutants: case study of the Parisian conurbation. *Environmental Science and Pollution Research*, **2018**, 25, 23559-23573	5.1	14
57	Wastewater quality and pollutant loads in combined sewers during dry weather periods. *Urban Water Journal*, **2008**, 5, 305-314	2.3	14
56	Transfer dynamics of macroplastics in estuaries - New insights from the Seine estuary: Part 2. Short-term dynamics based on GPS-trackers. *Marine Pollution Bulletin*, **2020**, 160, 111566	6.7	14
55	Microplastic Contamination in Freshwater Systems: Methodological Challenges, Occurrence and Sources **2018**, 51-93		14
54	A first estimation of uncertainties related to microplastic sampling in rivers. *Science of the Total Environment*, **2020**, 718, 137319	10.2	13
53	Spatial variability of polycyclic aromatic hydrocarbon load of urban wet weather pollution in combined sewers. *Water Science and Technology*, **2006**, 54, 185-93	2.2	13
52	Microplastics and microfibers in urban runoff from a suburban catchment of Greater Paris. *Environmental Pollution*, **2021**, 287, 117352	9.3	13
51	Microplastics in the atmospheric compartment: a comprehensive review on methods, results on their occurrence and determining factors. *Current Opinion in Food Science*, **2021**, 41, 159-168	9.8	12
50	Innovative combination of tracing methods to differentiate between legacy and contemporary PAH sources in the atmosphere-soil-river continuum in an urban catchment (Orge River, France). *Science of the Total Environment*, **2019**, 669, 448-458	10.2	11
49	Influence of the properties of 7 micro-grain activated carbons on organic micropollutants removal from wastewater effluent. *Chemosphere*, **2020**, 243, 125306	8.4	10
48	Fluorescence excitation/emission matrices as a tool to monitor the removal of organic micropollutants from wastewater effluents by adsorption onto activated carbon. *Water Research*, **2021**, 190, 116749	12.5	10
47	HYDROCARBON LOADS FROM STREET CLEANING PRACTICES: COMPARISON WITH DRY AND WET WEATHER FLOWS IN A PARISIAN COMBINED SEWER SYSTEM. *Polycyclic Aromatic Compounds*, **2005** , 25, 169-181	1.3	9
46	Non-target strategies by HRMS to evaluate fluidized micro-grain activated carbon as a tertiary treatment of wastewater. *Chemosphere*, **2018**, 213, 587-595	8.4	9
45	Modelling the fate of nonylphenolic compounds in the Seine River--part 1: determination of in-situ attenuation rate constants. *Science of the Total Environment*, **2014**, 468-469, 1050-8	10.2	8
44	Abundance, composition and fluxes of plastic debris and other macrolitter in urban runoff in a suburban catchment of Greater Paris. *Water Research*, **2021**, 192, 116847	12.5	8
43	Life cycle assessment of powder and micro-grain activated carbon in a fluidized bed to remove micropollutants from wastewater and their comparison with ozonation. *Journal of Cleaner Production*, **2021**, 287, 125067	10.3	8
42	Alkylphenols and Phthalates in Greywater from Showers and Washing Machines. *Water, Air, and Soil Pollution*, **2015**, 226, 1	2.6	7
41	Sedimentary Archives Reveal the Concealed History of Micropollutant Contamination in the Seine River Basin. *Handbook of Environmental Chemistry*, **2020**, 269-300	0.8	6

40	Priority substances in combined sewer overflows: case study of the Paris sewer network. *Water Science and Technology*, **2011**, 63, 853-8	2.2	6
39	Settling velocity of particulate pollutants from combined sewer wet weather discharges. *Water Science and Technology*, **2008**, 58, 2453-65	2.2	6
38	Fate of emerging and priority micropollutants during the sewage sludge treatment - Part 2: Mass balances of organic contaminants on sludge treatments are challenging. *Waste Management*, **2021**, 125, 122-131	8.6	6
37	Stochastic evaluation of annual micropollutant loads and their uncertainties in separate storm sewers. *Environmental Science and Pollution Research*, **2017**, 24, 28205-28219	5.1	5
36	Modelling the fate of nonylphenolic compounds in the Seine River--part 2: assessing the impact of global change on daily concentrations. *Science of the Total Environment*, **2014**, 468-469, 1059-68	10.2	5
35	Contribution of domestic effluents to hydrocarbon levels of dry weather flow in combined sewers. *Urban Water Journal*, **2006**, 3, 225-233	2.3	5
34	REVIEW ON THE HYDROCARBON FATE WITHIN COMBINED SEWERS: CASE OF THE "E MARAIS" URBAN CATCHMENT (1994–2005). *Polycyclic Aromatic Compounds*, **2007**, 27, 123-141	1.3	5
33	Phthalate and alkylphenol removal within wastewater treatment plants using physicochemical lamellar clarification and biofiltration **2012**,		5
32	Contamination des eaux pluviales par les micropolluants : avancés du projet INOGEV. *Techniques - Sciences - Methodes*, **2017**, 51-70	0	5
31	Alkylphenol ethoxylates and bisphenol A in surface water within a heavily urbanized area, such as Paris **2010**,		4
30	Microplastic and microfiber fluxes in the Seine River: Flood events versus dry periods. *Science of the Total Environment*, **2022**, 805, 150123	10.2	4
29	Mass Balance of PAHs at the Scale of the Seine River Basin. *Handbook of Environmental Chemistry*, **2020**, 163-187	0.8	3
28	Hydrocarbons and heavy metals fixed to the lift station sediment of the Paris combined sewer network. *Water Science and Technology*, **2005**, 52, 119-127	2.2	3
27	Phtalates et alkylphénols dans les effluents industriels : contribution à la pollution véhiculée dans les réseaux d'assainissement parisiens. *Techniques - Sciences - Methodes*, **2013**, 45-54	0	3
26	Transfer dynamics of macroplastics in estuaries - New insights from the Seine estuary: Part 3. What fate for macroplastics?. *Marine Pollution Bulletin*, **2021**, 169, 112513	6.7	3
25	Contaminants of Emerging Concern in the Seine River Basin: Overview of Recent Research. *Handbook of Environmental Chemistry*, **2020**, 355-380	0.8	2
24	Settling Velocity Grading of Particle Bound PAHs: Case of Wet Weather Flows within Combined Sewer Systems. *Journal of Environmental Engineering, ASCE*, **2009**, 135, 1155-1160	2	2
23	Research of trace metals as markers of entry pathways in combined sewers. *Water Science and Technology*, **2011**, 63, 633-40	2.2	2

22	Micropollutants in Urban Runoff from Traffic Areas: Target and Non-Target Screening on Four Contrasted Sites. *Water (Switzerland)*, **2022**, 14, 394	3	2
21	Riverine litter in a small urban river in Marseille, France: Plastic load and management challenges.. *Waste Management*, **2022**, 140, 154-163	8.6	2
20	Plastic Debris Flowing from Rivers to Oceans: The Role of the Estuaries as a Complex and Poorly Understood Key Interface **2020**, 1-28		2
19	Élimination des polluants émergents dans les rejets de STEP. *Techniques - Sciences - Methodes*, **2016**, 28-40	0	2
18	Premières investigations sur la contamination en microplastiques d'une zone urbaine. *Techniques - Sciences - Methodes*, **2015**, 25-39	0	2
17	A microfluidic chip enables fast analysis of water microplastics by optical spectroscopy. *Scientific Reports*, **2021**, 11, 10533	4.9	2
16	Microplastics in Different Compartments of the Urban Water Cycle: From the Sources to the Rivers **2017**, 7-8		1
15	Microplastic Contamination of Sediment and Water Column in the Seine River Estuary. *Springer Water*, **2020**, 4-9	0.3	1
14	Élimination des polluants émergents dans les rejets de STEP. *Techniques - Sciences - Methodes*, **2016**, 12-26	0	1
13	Amount, composition and sources of macrolitter from a highly frequented roadway.. *Environmental Pollution*, **2022**, 119145	9.3	1
12	Continental Atlantic Rivers: the Seine Basin **2022**, 291-330		0
11	Macro and Microplastics in Stormwater and Combined Sewer Overflows in Paris Megacity. *Springer Water*, **2020**, 145-151	0.3	
10	Pollution en hydrocarbures transitant par temps sec et par temps de pluie dans le réseau d'assainissement unitaire parisien. *Houille Blanche*, **2007**, 93, 85-91	0.3	
9	Microplastiques en Seine dans l'agglomération parisienne : étude des variations spatiales et temporelles des fibres anthropiques synthétiques et artificielles. *Techniques - Sciences - Methodes*, **2018**, 45-54	0	
8	Devenir des micropolluants au sein de la station d'épuration de Seine Centre : étude simultanée des filières eau et boue. *Techniques - Sciences - Methodes*, **2018**, 33-44	0	
7	La spectrométrie de masse haute résolution : un outil innovant de caractérisation des ouvrages d'assainissement. *Techniques - Sciences - Methodes*, **2018**, 51-68	0	
6	Estimation des flux de plastiques transitant en Seine : quelles méthodes pour quels résultats ?. *Techniques - Sciences - Methodes*, **2019**, 15-26	0	
5	Micropolluants dans les eaux usées : qu'apporte un traitement avancé par adsorption sur charbon actif après un traitement conventionnel ?. *Techniques - Sciences - Methodes*, **2019**, 67-80	0	

4	Avant-propos : Qualité des eaux : Instrumentation et métrologie innovantes en assainissement. *Techniques - Sciences - Methodes*, **2020**, 17-20	0
3	Hydrocarbons and heavy metals fixed to the lift station sediment of the Paris combined sewer network. *Water Science and Technology*, **2005**, 52, 119-27	2.2
2	Plastic Debris Flowing from Rivers to Oceans: The Role of the Estuaries as a Complex and Poorly Understood Key Interface **2022**, 253-280	
1	Macrolitter dataset from a highly frequented roadway in Nantes, France. *Data in Brief*, **2022**, 42, 108237	1.2