

# Johnny Gasperi

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Continental Atlantic Rivers: the Seine Basin <b>2022</b> , 291-330		0
110	Micropollutants in Urban Runoff from Traffic Areas: Target and Non-Target Screening on Four Contrasted Sites. <i>Water (Switzerland)</i> , <b>2022</b> , 14, 394	3	2
109	Riverine litter in a small urban river in Marseille, France: Plastic load and management challenges.. <i>Waste Management</i> , <b>2022</b> , 140, 154-163	8.6	2
108	Microplastic and microfiber fluxes in the Seine River: Flood events versus dry periods. <i>Science of the Total Environment</i> , <b>2022</b> , 805, 150123	10.2	4
107	Plastic Debris Flowing from Rivers to Oceans: The Role of the Estuaries as a Complex and Poorly Understood Key Interface <b>2022</b> , 253-280		
106	Amount, composition and sources of macrolitter from a highly frequented roadway.. <i>Environmental Pollution</i> , <b>2022</b> , 119145	9.3	1
105	Macrolitter dataset from a highly frequented roadway in Nantes, France. <i>Data in Brief</i> , <b>2022</b> , 42, 108237 <sup>1,2</sup>		
104	Abundance, composition and fluxes of plastic debris and other macrolitter in urban runoff in a suburban catchment of Greater Paris. <i>Water Research</i> , <b>2021</b> , 192, 116847	12.5	8
103	Fate of emerging and priority micropollutants during the sewage sludge treatment - Part 2: Mass balances of organic contaminants on sludge treatments are challenging. <i>Waste Management</i> , <b>2021</b> , 125, 122-131	8.6	6
102	A microfluidic chip enables fast analysis of water microplastics by optical spectroscopy. <i>Scientific Reports</i> , <b>2021</b> , 11, 10533	4.9	2
101	Fluorescence excitation/emission matrices as a tool to monitor the removal of organic micropollutants from wastewater effluents by adsorption onto activated carbon. <i>Water Research</i> , <b>2021</b> , 190, 116749	12.5	10
100	Life cycle assessment of powder and micro-grain activated carbon in a fluidized bed to remove micropollutants from wastewater and their comparison with ozonation. <i>Journal of Cleaner Production</i> , <b>2021</b> , 287, 125067	10.3	8
99	Transfer dynamics of macroplastics in estuaries - New insights from the Seine estuary: Part 3. What fate for macroplastics?. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 169, 112513	6.7	3
98	Microplastics in the atmospheric compartment: a comprehensive review on methods, results on their occurrence and determining factors. <i>Current Opinion in Food Science</i> , <b>2021</b> , 41, 159-168	9.8	12
97	Microplastics and microfibers in urban runoff from a suburban catchment of Greater Paris. <i>Environmental Pollution</i> , <b>2021</b> , 287, 117352	9.3	13
96	Sedimentary Archives Reveal the Concealed History of Micropollutant Contamination in the Seine River Basin. <i>Handbook of Environmental Chemistry</i> , <b>2020</b> , 269-300	0.8	6
95	Contaminants of Emerging Concern in the Seine River Basin: Overview of Recent Research. <i>Handbook of Environmental Chemistry</i> , <b>2020</b> , 355-380	0.8	2

94	Mass Balance of PAHs at the Scale of the Seine River Basin. <i>Handbook of Environmental Chemistry</i> , <b>2020</b> , 163-187	0.8	3
93	A first estimation of uncertainties related to microplastic sampling in rivers. <i>Science of the Total Environment</i> , <b>2020</b> , 718, 137319	10.2	13
92	Transfer dynamic of macroplastics in estuaries - New insights from the Seine estuary: Part 1. Long term dynamic based on date-prints on stranded debris. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 152, 110894	6.7	32
91	Microplastic Contamination of Sediment and Water Column in the Seine River Estuary. <i>Springer Water</i> , <b>2020</b> , 4-9	0.3	1
90	Macro and Microplastics in Stormwater and Combined Sewer Overflows in Paris Megacity. <i>Springer Water</i> , <b>2020</b> , 145-151	0.3	
89	Avant-propos : Qualité des eaux : Instrumentation et mÉrologie innovantes en assainissement. <i>Techniques - Sciences - Methodes</i> , <b>2020</b> , 17-20	0	
88	Plastic Debris Flowing from Rivers to Oceans: The Role of the Estuaries as a Complex and Poorly Understood Key Interface <b>2020</b> , 1-28		2
87	Transfer dynamics of macroplastics in estuaries - New insights from the Seine estuary: Part 2. Short-term dynamics based on GPS-trackers. <i>Marine Pollution Bulletin</i> , <b>2020</b> , 160, 111566	6.7	14
86	Influence of dissolved organic matter on the removal of 12 organic micropollutants from wastewater effluent by powdered activated carbon adsorption. <i>Water Research</i> , <b>2020</b> , 172, 115487	12.5	54
85	Temporal dynamic of anthropogenic fibers in a tropical river-estuarine system. <i>Environmental Pollution</i> , <b>2020</b> , 259, 113897	9.3	25
84	Benefits of ozonation before activated carbon adsorption for the removal of organic micropollutants from wastewater effluents. <i>Chemosphere</i> , <b>2020</b> , 245, 125530	8.4	21
83	Influence of the properties of 7 micro-grain activated carbons on organic micropollutants removal from wastewater effluent. <i>Chemosphere</i> , <b>2020</b> , 243, 125306	8.4	10
82	Impacts of organic matter digestion protocols on synthetic, artificial and natural raw fibers. <i>Science of the Total Environment</i> , <b>2020</b> , 748, 141230	10.2	18
81	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. <i>Data in Brief</i> , <b>2019</b> , 23, 103697	1.2	20
80	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). <i>Science of the Total Environment</i> , <b>2019</b> , 669, 448-458	10.2	11
79	Assessment of the Plastic Inputs From the Seine Basin to the Sea Using Statistical and Field Approaches. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	34
78	Seine Plastic Debris Transport Tenfolded During Increased River Discharge. <i>Frontiers in Marine Science</i> , <b>2019</b> , 6,	4.5	47
77	Plastic Particle Ingestion by Wild Freshwater Fish: A Critical Review. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 12974-12988	10.3	69

76	Estimation des flux de plastiques transitant en Seine : quelles méthodes pour quels résultats ? <i>Techniques - Sciences - Methodes</i> , <b>2019</b> , 15-26	0	
75	Micropolluants dans les eaux usées : qu'apporte un traitement avancé par adsorption sur charbon actif après un traitement conventionnel ? <i>Techniques - Sciences - Methodes</i> , <b>2019</b> , 67-80	0	
74	Impact of urban pressure on the spatial and temporal dynamics of PAH fluxes in an urban tributary of the Seine River (France). <i>Chemosphere</i> , <b>2019</b> , 219, 1002-1013	8.4	18
73	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? <i>Chemosphere</i> , <b>2019</b> , 218, 1050-1060	8.4	98
72	Microplastics in air: Are we breathing it in?. <i>Current Opinion in Environmental Science and Health</i> , <b>2018</b> , 1, 1-5	8.1	364
71	Macroplastic and microplastic contamination assessment of a tropical river (Saigon River, Vietnam) transversed by a developing megacity. <i>Environmental Pollution</i> , <b>2018</b> , 236, 661-671	9.3	183
70	Contamination of soils by metals and organic micropollutants: case study of the Parisian conurbation. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 23559-23573	5.1	14
69	Impacts from urban water systems on receiving waters - How to account for severe wet-weather events in LCA?. <i>Water Research</i> , <b>2018</b> , 128, 412-423	12.5	25
68	Anthropogenic particles in the stomach contents and liver of the freshwater fish <i>Squalius cephalus</i> . <i>Science of the Total Environment</i> , <b>2018</b> , 643, 1257-1264	10.2	70
67	Microplastiques en Seine dans l'agglomération parisienne : Étude des variations spatiales et temporelles des fibres anthropiques synthétiques et artificielles. <i>Techniques - Sciences - Methodes</i> , <b>2018</b> , 45-54	0	
66	Devenir des micropolluants au sein de la station d'épuration de Seine Centre : Étude simultanée des filières eau et boue. <i>Techniques - Sciences - Methodes</i> , <b>2018</b> , 33-44	0	
65	La spectrométrie de masse haute résolution : un outil innovant de caractérisation des ouvrages d'assainissement. <i>Techniques - Sciences - Methodes</i> , <b>2018</b> , 51-68	0	
64	Sources and Fate of Microplastics in Urban Areas: A Focus on Paris Megacity. <i>Handbook of Environmental Chemistry</i> , <b>2018</b> , 69-83	0.8	53
63	Synthetic and non-synthetic anthropogenic fibers in a river under the impact of Paris Megacity: Sampling methodological aspects and flux estimations. <i>Science of the Total Environment</i> , <b>2018</b> , 618, 157-164	10.2	146
62	A Methodology to Characterize Riverine Macroplastic Emission Into the Ocean. <i>Frontiers in Marine Science</i> , <b>2018</b> , 5,	4.5	87
61	Non-target strategies by HRMS to evaluate fluidized micro-grain activated carbon as a tertiary treatment of wastewater. <i>Chemosphere</i> , <b>2018</b> , 213, 587-595	8.4	9
60	Microplastic Contamination in Freshwater Systems: Methodological Challenges, Occurrence and Sources <b>2018</b> , 51-93		14
59	A first overview of textile fibers, including microplastics, in indoor and outdoor environments. <i>Environmental Pollution</i> , <b>2017</b> , 221, 453-458	9.3	491

58	Microplastics in Different Compartments of the Urban Water Cycle: From the Sources to the Rivers <b>2017</b> , 7-8		1
57	Stochastic evaluation of annual micropollutant loads and their uncertainties in separate storm sewers. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 28205-28219	5.1	5
56	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. <i>Waste Management</i> , <b>2017</b> , 59, 379-393	8.6	51
55	Contamination des eaux pluviales par les micropolluants : avancés du projet INOGEV. <i>Techniques - Sciences - Methodes</i> , <b>2017</b> , 51-70	0	5
54	Endocrine disrupting compounds in gaseous and particulate outdoor air phases according to environmental factors. <i>Chemosphere</i> , <b>2016</b> , 146, 94-104	8.4	37
53	Synthetic fibers in atmospheric fallout: A source of microplastics in the environment?. <i>Marine Pollution Bulletin</i> , <b>2016</b> , 104, 290-3	6.7	789
52	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. <i>Science of the Total Environment</i> , <b>2016</b> , 542, 983-96	10.2	113
51	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. <i>Journal of Environmental Chemical Engineering</i> , <b>2016</b> , 4, 1102-1109	6.8	99
50	Temporal trends of persistent organic pollutants in dated sediment cores: Chemical fingerprinting of the anthropogenic impacts in the Seine River basin, Paris. <i>Science of the Total Environment</i> , <b>2016</b> , 541, 1355-1363	10.2	45
49	Élimination des polluants émergents dans les rejets de STEP. <i>Techniques - Sciences - Methodes</i> , <b>2016</b> , 28-40	0	2
48	Élimination des polluants émergents dans les rejets de STEP. <i>Techniques - Sciences - Methodes</i> , <b>2016</b> , 12-26	0	1
47	Seasonal fate and gas/particle partitioning of semi-volatile organic compounds in indoor and outdoor air. <i>Atmospheric Environment</i> , <b>2016</b> , 147, 423-433	5.3	38
46	Nitrite accumulation during denitrification depends on the carbon quality and quantity in wastewater treatment with biofilters. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 10179-88	5.1	38
45	Assessment of the ecotoxicological risk of combined sewer overflows for an aquatic system using a coupled "substance and bioassay" approach. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 4460-74	5.1	14
44	Quantitative and qualitative assessment of the impact of climate change on a combined sewer overflow and its receiving water body. <i>Environmental Science and Pollution Research</i> , <b>2015</b> , 22, 11905-21	5.1	14
43	Microplastic contamination in an urban area: a case study in Greater Paris. <i>Environmental Chemistry</i> , <b>2015</b> , 12, 592	3.2	681
42	Beyond the ocean: contamination of freshwater ecosystems with (micro-)plastic particles. <i>Environmental Chemistry</i> , <b>2015</b> , 12, 539	3.2	278
41	Study of a large scale powdered activated carbon pilot: Removals of a wide range of emerging and priority micropollutants from wastewater treatment plant effluents. <i>Water Research</i> , <b>2015</b> , 72, 315-30	12.5	165

40	Alkylphenols and Phthalates in Greywater from Showers and Washing Machines. <i>Water, Air, and Soil Pollution</i> , <b>2015</b> , 226, 1	2.6	7
39	Analysis of the influence of rainfall variables on urban effluents concentrations and fluxes in wet weather. <i>Journal of Hydrology</i> , <b>2015</b> , 523, 320-332	6	22
38	Prémisses investigations sur la contamination en microplastiques d'une zone urbaine. <i>Techniques - Sciences - Methodes</i> , <b>2015</b> , 25-39	0	2
37	Priority and emerging pollutants in sewage sludge and fate during sludge treatment. <i>Waste Management</i> , <b>2014</b> , 34, 1217-26	8.6	62
36	Assessment of floating plastic debris in surface water along the Seine River. <i>Environmental Pollution</i> , <b>2014</b> , 195, 163-6	9.3	159
35	First assessment of triclosan, triclocarban and paraben mass loads at a very large regional scale: case of Paris conurbation (France). <i>Science of the Total Environment</i> , <b>2014</b> , 493, 854-61	10.2	48
34	Modelling the fate of nonylphenolic compounds in the Seine River--part 1: determination of in-situ attenuation rate constants. <i>Science of the Total Environment</i> , <b>2014</b> , 468-469, 1050-8	10.2	8
33	Modelling the fate of nonylphenolic compounds in the Seine River--part 2: assessing the impact of global change on daily concentrations. <i>Science of the Total Environment</i> , <b>2014</b> , 468-469, 1059-68	10.2	5
32	Phthalates and alkylphenols in industrial and domestic effluents: case of Paris conurbation (France). <i>Science of the Total Environment</i> , <b>2014</b> , 488-489, 26-35	10.2	43
31	Biofiltration vs conventional activated sludge plants: what about priority and emerging pollutants removal?. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 5379-90	5.1	30
30	Micropollutants in urban stormwater: occurrence, concentrations, and atmospheric contributions for a wide range of contaminants in three French catchments. <i>Environmental Science and Pollution Research</i> , <b>2014</b> , 21, 5267-81	5.1	119
29	Meta-analysis of environmental contamination by phthalates. <i>Environmental Science and Pollution Research</i> , <b>2013</b> , 20, 8057-76	5.1	83
28	Alkylphenolic compounds and bisphenol A contamination within a heavily urbanized area: case study of Paris. <i>Environmental Science and Pollution Research</i> , <b>2013</b> , 20, 2973-83	5.1	23
27	Phthalates et alkylphénols dans les effluents industriels : contribution à la pollution viculè dans les réseaux d'assainissement parisiens. <i>Techniques - Sciences - Methodes</i> , <b>2013</b> , 45-54	0	3
26	Meta-analysis of environmental contamination by alkylphenols. <i>Environmental Science and Pollution Research</i> , <b>2012</b> , 19, 3798-819	5.1	78
25	Treatment of combined sewer overflows by ballasted flocculation: Removal study of a large broad spectrum of pollutants. <i>Chemical Engineering Journal</i> , <b>2012</b> , 211-212, 293-301	14.7	46
24	Priority pollutants in urban stormwater: part 2 - case of combined sewers. <i>Water Research</i> , <b>2012</b> , 46, 6693-703	12.5	98
23	Municipal wastewater treatment by biofiltration: comparisons of various treatment layouts. Part 1: assessment of carbon and nitrogen removal. <i>Water Science and Technology</i> , <b>2012</b> , 65, 1705-12	2.2	25

22	Removal of alkylphenols and polybromodiphenylethers by a biofiltration treatment plant during dry and wet-weather periods. <i>Water Science and Technology</i> , <b>2012</b> , 65, 1591-8	2.2	17
21	Phthalate and alkylphenol removal within wastewater treatment plants using physicochemical lamellar clarification and biofiltration <b>2012</b> ,		5
20	Priority substances in combined sewer overflows: case study of the Paris sewer network. <i>Water Science and Technology</i> , <b>2011</b> , 63, 853-8	2.2	6
19	Research of trace metals as markers of entry pathways in combined sewers. <i>Water Science and Technology</i> , <b>2011</b> , 63, 633-40	2.2	2
18	Fate and spatial variations of polybrominated diphenyl ethers in the deposition within a heavily urbanized area: case of Paris (France). <i>Water Science and Technology</i> , <b>2010</b> , 62, 822-8	2.2	24
17	Occurrence and removal of priority pollutants by lamella clarification and biofiltration. <i>Water Research</i> , <b>2010</b> , 44, 3065-76	12.5	28
16	Contributions of wastewater, runoff and sewer deposit erosion to wet weather pollutant loads in combined sewer systems. <i>Water Research</i> , <b>2010</b> , 44, 5875-86	12.5	92
15	Alkylphenol ethoxylates and bisphenol A in surface water within a heavily urbanized area, such as Paris <b>2010</b> ,		4
14	Settling Velocity Grading of Particle Bound PAHs: Case of Wet Weather Flows within Combined Sewer Systems. <i>Journal of Environmental Engineering, ASCE</i> , <b>2009</b> , 135, 1155-1160	2	2
13	Priority pollutants in surface waters and settleable particles within a densely urbanized area: case study of Paris (France). <i>Science of the Total Environment</i> , <b>2009</b> , 407, 2900-8	10.2	59
12	Priority pollutants in wastewater and combined sewer overflow. <i>Science of the Total Environment</i> , <b>2008</b> , 407, 263-72	10.2	148
11	Spatial variability of the characteristics of combined wet weather pollutant loads in Paris. <i>Water Research</i> , <b>2008</b> , 42, 539-49	12.5	58
10	Wastewater quality and pollutant loads in combined sewers during dry weather periods. <i>Urban Water Journal</i> , <b>2008</b> , 5, 305-314	2.3	14
9	Settling velocity of particulate pollutants from combined sewer wet weather discharges. <i>Water Science and Technology</i> , <b>2008</b> , 58, 2453-65	2.2	6
8	REVIEW ON THE HYDROCARBON FATE WITHIN COMBINED SEWERS: CASE OF THE ÎLE MARAIS URBAN CATCHMENT (1994-2005). <i>Polycyclic Aromatic Compounds</i> , <b>2007</b> , 27, 123-141	1.3	5
7	Pollution en hydrocarbures transitant par temps sec et par temps de pluie dans le réseau d'assainissement unitaire parisien. <i>Houille Blanche</i> , <b>2007</b> , 93, 85-91	0.3	
6	Contribution of domestic effluents to hydrocarbon levels of dry weather flow in combined sewers. <i>Urban Water Journal</i> , <b>2006</b> , 3, 225-233	2.3	5
5	Spatial variability of polycyclic aromatic hydrocarbon load of urban wet weather pollution in combined sewers. <i>Water Science and Technology</i> , <b>2006</b> , 54, 185-93	2.2	13

4	Hydrocarbons and heavy metals fixed to the lift station sediment of the Paris combined sewer network. <i>Water Science and Technology</i> , <b>2005</b> , 52, 119-127	2.2	3
3	HYDROCARBON LOADS FROM STREET CLEANING PRACTICES: COMPARISON WITH DRY AND WET WEATHER FLOWS IN A PARISIAN COMBINED SEWER SYSTEM. <i>Polycyclic Aromatic Compounds</i> , <b>2005</b> , 25, 169-181	1.3	9
2	Hydrocarbons and heavy metals fixed to the lift station sediment of the Paris combined sewer network. <i>Water Science and Technology</i> , <b>2005</b> , 52, 119-27	2.2	
1	Hydrocarbons and Metals in Atmospheric Deposition and Roof Runoff in Central Paris. <i>Water, Air, and Soil Pollution</i> , <b>2004</b> , 159, 67-86	2.6	46