

Josette Garnier

List of Publications by Year in descending order

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170
papers

11,350
citations

25034

57
h-index

34986

98
g-index

173
all docs

173
docs citations

173
times ranked

10636
citing authors

#	ARTICLE	IF	CITATIONS
1	Storage or loss of soil active carbon in cropland soils: The effect of agricultural practices and hydrology. <i>Geoderma</i> , 2022, 407, 115538.	5.1	10
2	Continental Atlantic Rivers: The Meuse, Loire and Adour-Garonne Basins. , 2022, , 225-228.		1
3	Reservoirs change pCO ₂ and water quality of downstream rivers: Evidence from three reservoirs in the Seine Basin. <i>Water Research</i> , 2022, 213, 118158.	11.3	4
4	Nutrient transport and transformation in macrotidal estuaries of the French Atlantic coast: a modeling approach using the Carbon-Generic Estuarine Model. <i>Biogeosciences</i> , 2022, 19, 931-955.	3.3	10
5	Does eutrophication enhance greenhouse gas emissions in urbanized tropical estuaries?. <i>Environmental Pollution</i> , 2022, 303, 119105.	7.5	19
6	Contribution from a eutrophic temperate estuary to the landscape flux of nitrous oxide. <i>Water Research</i> , 2022, 222, 118874.	11.3	3
7	Hydromorphology of coastal zone and structure of watershed agro-food system are main determinants of coastal eutrophication. <i>Environmental Research Letters</i> , 2021, 16, 023005.	5.2	20
8	Reshaping the European agro-food system and closing its nitrogen cycle: The potential of combining dietary change, agroecology, and circularity. <i>One Earth</i> , 2021, 4, 839-850.	6.8	85
9	Nitrogen dynamics in cropping systems under Mediterranean climate: a systemic analysis. <i>Environmental Research Letters</i> , 2021, 16, 073002.	5.2	25
10	Long-term assessment of nutrient budgets for the four reservoirs of the Seine Basin (France). <i>Science of the Total Environment</i> , 2021, 778, 146412.	8.0	11
11	High denitrification potential but low nitrous oxide emission in a constructed wetland treating nitrate-polluted agricultural run-off. <i>Science of the Total Environment</i> , 2021, 779, 146614.	8.0	17
12	Nitrogen biogeochemistry of water-agro-food systems: the example of the Seine land-to-sea continuum. <i>Biogeochemistry</i> , 2021, 154, 307-321.	3.5	6
13	Crop production and nitrogen use in European cropland and grassland 1961–2019. <i>Scientific Data</i> , 2021, 8, 288.	5.3	26
14	River Basin Visions: Tools and Approaches from Yesterday to Tomorrow. <i>Handbook of Environmental Chemistry</i> , 2020, , 381-414.	0.4	1
15	Modeling indirect N ₂ O emissions along the N cascade from cropland soils to rivers. <i>Biogeochemistry</i> , 2020, 148, 207-221.	3.5	14
16	Modeling inorganic carbon dynamics in the Seine River continuum in France. <i>Hydrology and Earth System Sciences</i> , 2020, 24, 2379-2398.	4.9	16
17	The Seine Watershed Water-Agro-Food System: Long-Term Trajectories of C, N and P Metabolism. <i>Handbook of Environmental Chemistry</i> , 2020, , 91-115.	0.4	8
18	Trajectories of the Seine River Basin. <i>Handbook of Environmental Chemistry</i> , 2020, , 1-28.	0.4	9

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19	Nutrient budgets in the Saigon–Dongnai River basin: Past to future inputs from the developing Ho Chi Minh megacity (Vietnam). <i>River Research and Applications</i> , 2020, 36, 974-990.	1.7	18
20	Global Nitrogen and Phosphorus Pollution. , 2020, , 421-431.		4
21	Long Term Trends in Agronomical and Environmental Performances of World Cropping Systems: The Relationship Between Yield and Nitrogen Input to Cropland at the Country and Regional Scales. , 2020, , 29-45.		2
22	Nitrogen Embedded in Global Food Trade. , 2019, , 105-109.		1
23	Phosphorus adsorption/desorption processes in the tropical Saigon River estuary (Southern Vietnam) impacted by a megacity. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 227, 106321.	2.1	21
24	Carbon Dioxide Emission and Soil Sequestration for the French Agro-Food System: Present and Prospective Scenarios. <i>Frontiers in Sustainable Food Systems</i> , 2019, 3, .	3.9	7
25	Long-term changes in greenhouse gas emissions from French agriculture and livestock (1852–2014): From traditional agriculture to conventional intensive systems. <i>Science of the Total Environment</i> , 2019, 660, 1486-1501.	8.0	72
26	Carbon Dynamics Along the Seine River Network: Insight From a Coupled Estuarine/River Modeling Approach. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	7
27	Cross-scale effects of structural and functional connectivity in pond networks on amphibian distribution in agricultural landscapes. <i>Freshwater Biology</i> , 2019, 64, 997-1014.	2.4	15
28	Managing the Agri-Food System of Watersheds to Combat Coastal Eutrophication: A Land-to-Sea Modelling Approach to the French Coastal English Channel. <i>Geosciences (Switzerland)</i> , 2019, 9, 441.	2.2	19
29	Drivers of long-term carbon dynamics in cropland: A bio-political history (France, 1852–2014). <i>Environmental Science and Policy</i> , 2019, 93, 53-65.	4.9	23
30	Modeling the biogeochemical functioning of the Seine estuary and its coastal zone: Export, retention, and transformations. <i>Limnology and Oceanography</i> , 2019, 64, 895-912.	3.1	15
31	Opening to Distant Markets or Local Reconnection of Agro-Food Systems? Environmental Consequences at Regional and Global Scales. , 2019, , 391-413.		5
32	The biogeochemical imprint of human metabolism in Paris Megacity: A regionalized analysis of a water-agro-food system. <i>Journal of Hydrology</i> , 2019, 573, 1028-1045.	5.4	37
33	How can water quality be improved when the urban waste water directive has been fulfilled? A case study of the Lot river (France). <i>Environmental Science and Pollution Research</i> , 2018, 25, 11924-11939.	5.3	18
34	Organic carbon transfers in the subtropical Red River system (Viet Nam): insights on CO2 sources and sinks. <i>Biogeochemistry</i> , 2018, 138, 277-295.	3.5	6
35	The effect of nitrification inhibitors on NH3 and N2O emissions in highly N fertilized irrigated Mediterranean cropping systems. <i>Science of the Total Environment</i> , 2018, 636, 427-436.	8.0	79
36	Organic market gardening around the Paris agglomeration: agro-environmental performance and capacity to meet urban requirements. <i>Environmental Science and Pollution Research</i> , 2018, 25, 23373-23382.	5.3	8

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37	Long trend reduction of phosphorus wastewater loading in the Seine: determination of phosphorus speciation and sorption for modeling algal growth. <i>Environmental Science and Pollution Research</i> , 2018, 25, 23515-23528.	5.3	21
38	Phosphorus management in cropping systems of the Paris Basin: From farm to regional scale. <i>Journal of Environmental Management</i> , 2018, 205, 18-28.	7.8	26
39	Seasonal and spatial variability of the partial pressure of carbon dioxide in the human-impacted Seine River in France. <i>Scientific Reports</i> , 2018, 8, 13961.	3.3	28
40	Nitrate retention at the river-watershed interface: a new conceptual modeling approach. <i>Biogeochemistry</i> , 2018, 139, 31-51.	3.5	28
41	Two contrasted future scenarios for the French agro-food system. <i>Science of the Total Environment</i> , 2018, 637-638, 695-705.	8.0	59
42	Carbon dioxide, methane and nitrous oxide emissions from the human-impacted Seine watershed in France. <i>Science of the Total Environment</i> , 2018, 643, 247-259.	8.0	58
43	A N, P, C, and water flows metabolism study in a peri-urban territory in France: The case-study of the Saclay plateau. <i>Resources, Conservation and Recycling</i> , 2018, 137, 200-213.	10.8	22
44	Landward Perspective of Coastal Eutrophication Potential Under Future Climate Change: The Seine River Case (France). <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	28
45	Nutrient inputs and hydrology together determine biogeochemical status of the Loire River (France): Current situation and possible future scenarios. <i>Science of the Total Environment</i> , 2018, 637-638, 609-624.	8.0	35
46	Analyser une transition agro-alimentaire par les flux d'azote: Aussois un cas d'étude du découplage progressif de la production et de la consommation. <i>Revue D'economie Regionale Et Urbaine</i> , 2018, Décembre, 967-991.	0.2	1
47	Mitigation and quantification of greenhouse gas emissions in Mediterranean cropping systems. <i>Agriculture, Ecosystems and Environment</i> , 2017, 238, 1-4.	5.3	11
48	Total organic carbon fluxes of the Red River system (Vietnam). <i>Earth Surface Processes and Landforms</i> , 2017, 42, 1329-1341.	2.5	23
49	Declining spatial efficiency of global cropland nitrogen allocation. <i>Global Biogeochemical Cycles</i> , 2017, 31, 245-257.	4.9	55
50	How the structure of agro-food systems shapes nitrogen, phosphorus, and carbon fluxes: The generalized representation of agro-food system applied at the regional scale in France. <i>Science of the Total Environment</i> , 2017, 586, 42-55.	8.0	97
51	Potential for recoupling production and consumption in peri-urban territories: The case-study of the Saclay plateau near Paris, France. <i>Food Policy</i> , 2017, 69, 35-45.	6.0	33
52	Utilization of interferometric light microscopy for the rapid analysis of virus abundance in a river. <i>Research in Microbiology</i> , 2017, 168, 413-418.	2.1	22
53	Direct nitrous oxide emissions in Mediterranean climate cropping systems: Emission factors based on a meta-analysis of available measurement data. <i>Agriculture, Ecosystems and Environment</i> , 2017, 238, 25-35.	5.3	178
54	Riverine carbon flux from the Red River system (Viet Nam and China): a modelling approach. <i>APN Science Bulletin</i> , 2017, 7, .	0.7	2

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55	The fate of phosphorus. <i>Nature Geoscience</i> , 2016, 9, 343-344.	12.9	41
56	Water management practices exacerbate nitrogen retention in Mediterranean catchments. <i>Science of the Total Environment</i> , 2016, 573, 420-432.	8.0	43
57	Reconnecting crop and cattle farming to reduce nitrogen losses to river water of an intensive agricultural catchment (Seine basin, France): past, present and future. <i>Environmental Science and Policy</i> , 2016, 63, 76-90.	4.9	72
58	Modelling of faecal indicator bacteria (FIB) in the Red River basin (Vietnam). <i>Environmental Monitoring and Assessment</i> , 2016, 188, 517.	2.7	7
59	A participative network of organic and conventional crop farms in the Seine Basin (France) for evaluating nitrate leaching and yield performance. <i>Agricultural Systems</i> , 2016, 148, 105-113.	6.1	20
60	Nitrogen use in the global food system: past trends and future trajectories of agronomic performance, pollution, trade, and dietary demand. <i>Environmental Research Letters</i> , 2016, 11, 095007.	5.2	227
61	Long-term water quality in the lower Seine: Lessons learned over 4 decades of monitoring. <i>Environmental Science and Policy</i> , 2016, 58, 141-154.	4.9	92
62	La place du transport de denrÃ©es agricoles dans le cycle biogÃ©ochimique de lâ€™azote en France: un aspect de la spÃ©cialisation des territoires. <i>Cahiers Agricultures</i> , 2016, 25, 15004.	0.9	25
63	Phosphorus budget in the waterâ€”agroâ€”food system at nested scales in two contrasted regions of the world (ASEANâ€”8 and EUâ€”27). <i>Global Biogeochemical Cycles</i> , 2015, 29, 1348-1368.	4.9	54
64	Relationships for estimating N ₂ fixation in legumes: incidence for N balance of legumeâ€”based cropping systems in Europe. <i>Ecosphere</i> , 2015, 6, 1-24.	2.2	155
65	The response of river nitrification to changes in wastewater treatment (The case of the lower Seine) <i>Tj ETQq1 1 0.784314 rgBT /Overlaid</i>	0.6	26
66	Impacts of European livestock production: nitrogen, sulphur, phosphorus and greenhouse gas emissions, land-use, water eutrophication and biodiversity. <i>Environmental Research Letters</i> , 2015, 10, 115004.	5.2	332
67	A simplified algorithm for calculating benthic nutrient fluxes in river systems. <i>Annales De Limnologie</i> , 2015, 51, 37-47.	0.6	15
68	Long-term nitrate removal in a buffering pond-reservoir system receiving water from an agricultural drained catchment. <i>Ecological Engineering</i> , 2015, 80, 32-45.	3.6	32
69	Field and modelling studies of <i>Escherichia coli</i> loads in tropical streams of montane agro-ecosystems. <i>Journal of Hydro-Environment Research</i> , 2015, 9, 496-507.	2.2	36
70	Exposure to vancomycin causes a shift in the microbial community structure without affecting nitrate reduction rates in river sediments. <i>Environmental Science and Pollution Research</i> , 2015, 22, 13702-13709.	5.3	31
71	Impact of hydro-sedimentary processes on the dynamics of soluble reactive phosphorus in the Seine River. <i>Biogeochemistry</i> , 2015, 122, 229-251.	3.5	31
72	A vast range of opportunities for feeding the world in 2050: trade-off between diet, N contamination and international trade. <i>Environmental Research Letters</i> , 2015, 10, 025001.	5.2	79

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73	The role of water nitrogen retention in integrated nutrient management: assessment in a large basin using different modelling approaches. <i>Environmental Research Letters</i> , 2015, 10, 065008.	5.2	58
74	Nitrous oxide emissions and nitrate leaching in an organic and a conventional cropping system (Seine). <i>Journal of Agricultural Science</i> , 2015, 150, 100-108.	3.5	41
75	Temperature dependence of nitrous oxide production of a luvisolic soil in batch experiments. <i>Process Biochemistry</i> , 2015, 50, 79-85.	3.7	40
76	Long-term biogeochemical functioning of the Red River (Vietnam): past and present situations. <i>Regional Environmental Change</i> , 2015, 15, 329-339.	2.9	40
77	Assessing the impact of agricultural pressures on N and P loads and eutrophication risk. <i>Ecological Indicators</i> , 2015, 48, 396-407.	6.3	165
78	Nitrate leaching from organic and conventional arable crop farms in the Seine Basin (France). <i>Nutrient Cycling in Agroecosystems</i> , 2014, 100, 285-299.	2.2	49
79	50 year trends in nitrogen use efficiency of world cropping systems: the relationship between yield and nitrogen input to cropland. <i>Environmental Research Letters</i> , 2014, 9, 105011.	5.2	764
80	Nitrous oxide production from soil experiments: denitrification prevails over nitrification. <i>Nutrient Cycling in Agroecosystems</i> , 2014, 98, 169-186.	2.2	27
81	Leakage of nitrous oxide emissions within the Spanish agro-food system in 1961-2009. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2014, 21, 975.	2.1	6
82	Food and feed trade as a driver in the global nitrogen cycle: 50-year trends. <i>Biogeochemistry</i> , 2014, 118, 225-241.	3.5	240
83	Level-dependence of the relationships between amphibian biodiversity and environment in pond systems within an intensive agricultural landscape. <i>Hydrobiologia</i> , 2014, 723, 7-23.	2.0	21
84	A biogeochemical view of the global agro-food system: Nitrogen flows associated with protein production, consumption and trade. <i>Global Food Security</i> , 2014, 3, 209-219.	8.1	97
85	How changes in diet and trade patterns have shaped the N cycle at the national scale: Spain (1961-2009). <i>Regional Environmental Change</i> , 2014, 14, 785-797.	2.9	78
86	The contribution of food waste to global and European nitrogen pollution. <i>Environmental Science and Policy</i> , 2013, 33, 186-195.	4.9	120
87	Modeling historical changes in nutrient delivery and water quality of the Zenne River (1790s-2010): The role of land use, waterscape and urban wastewater management. <i>Journal of Marine Systems</i> , 2013, 128, 62-76.	2.1	43
88	The potential of organic fertilizers and water management to reduce N ₂ O emissions in Mediterranean climate cropping systems. A review. <i>Agriculture, Ecosystems and Environment</i> , 2013, 164, 32-52.	5.3	293
89	The effect of environmental and therapeutic concentrations of antibiotics on nitrate reduction rates in river sediment. <i>Water Research</i> , 2013, 47, 3654-3662.	11.3	69
90	Large-scale patterns of river inputs in southwestern Europe: seasonal and interannual variations and potential eutrophication effects at the coastal zone. <i>Biogeochemistry</i> , 2013, 113, 481-505.	3.5	126

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91	Budget of methane emissions from soils, livestock and the river network at the regional scale of the Seine basin (France). <i>Biogeochemistry</i> , 2013, 116, 199-214.	3.5	34
92	The nitrogen cascade from agricultural soils to the sea: modelling nitrogen transfers at regional watershed and global scales. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20130123.	4.0	184
93	The nitrogen cascade in arable crop areas of the North of France. <i>Cahiers Agricultures</i> , 2013, 22, 272-281.	0.9	10
94	Indirect N ₂ O emissions from shallow groundwater in an agricultural catchment (Seine Basin, France). <i>Journal of Environmental Quality</i> , 2010, 39, 622-638.	3.5	38
95	Nitrogen fluxes from the landscape are controlled by net anthropogenic nitrogen inputs and by climate. <i>Frontiers in Ecology and the Environment</i> , 2012, 10, 37-43.	4.0	281
96	History of the urban environmental imprint: introduction to a multidisciplinary approach to the long-term relationships between Western cities and their hinterland. <i>Regional Environmental Change</i> , 2012, 12, 249-253.	2.9	50
97	Restoration of ponds in rural landscapes: Modelling the effect on nitrate contamination of surface water (the Seine River Basin, France). <i>Science of the Total Environment</i> , 2012, 430, 280-290.	8.0	44
98	N, P, Si budgets for the Red River Delta (northern Vietnam): how the delta affects river nutrient delivery to the sea. <i>Biogeochemistry</i> , 2012, 107, 241-259.	3.5	42
99	Potential of denitrification and nitrous oxide production from agricultural soil profiles (Seine Basin, France). <i>Journal of Environmental Quality</i> , 2011, 40, 181-192.	2.2	18
100	Coupled biogeochemical cycles: eutrophication and hypoxia in temperate estuaries and coastal marine ecosystems. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 18-26.	4.0	656
101	Nitrogen as a threat to European water quality. <i>Journal of Environmental Quality</i> , 2011, 40, 379-404.		80
102	Nitrogen as a threat to the European greenhouse balance. <i>Journal of Environmental Quality</i> , 2011, 40, 434-462.		58
103	Nitrogen processes in aquatic ecosystems. <i>Journal of Environmental Quality</i> , 2011, 40, 126-146.		46
104	Nitrogen processes in coastal and marine ecosystems. <i>Journal of Environmental Quality</i> , 2011, 40, 147-176.		22
105	Cost assessment and ecological effectiveness of nutrient reduction options for mitigating <i>Phaeocystis</i> colony blooms in the Southern North Sea: An integrated modeling approach. <i>Science of the Total Environment</i> , 2011, 409, 2179-2191.	8.0	54
106	Nitrogen cycling in a hypothetical scenario of generalised organic agriculture in the Seine, Somme and Scheldt watersheds. <i>Regional Environmental Change</i> , 2011, 11, 359-370.	2.9	39
107	Assessing the effect of nutrient mitigation measures in the watersheds of the Southern Bight of the North Sea. <i>Science of the Total Environment</i> , 2010, 408, 1245-1255.	8.0	37
108	Transformations of nutrients (N, P, Si) in the turbidity maximum zone of the Seine estuary and export to the sea. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 90, 129-141.	2.1	63

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109	Historical land use change has lowered terrestrial silica mobilization. <i>Nature Communications</i> , 2010, 1, 129.	12.8	189
110	Anthropogenic nitrogen autotrophy and heterotrophy of the world's watersheds: Past, present, and future trends. <i>Global Biogeochemical Cycles</i> , 2010, 24, .	4.9	51
111	Hydrological regime and water budget of the Red River Delta (Northern Vietnam). <i>Journal of Asian Earth Sciences</i> , 2010, 37, 219-228.	2.3	79
112	Nutrient (N, P, Si) transfers in the subtropical Red River system (China and Vietnam): Modelling and budget of nutrient sources and sinks. <i>Journal of Asian Earth Sciences</i> , 2010, 37, 259-274.	2.3	43
113	Effect of slope position and land use on nitrous oxide (N ₂ O) emissions (Seine Basin, France). <i>Agricultural and Forest Meteorology</i> , 2010, 150, 1192-1202.	4.8	83
114	Subregional and downscaled global scenarios of nutrient transfer in river basins: Seine-à-Somme-à-Scheldt case study. <i>Global Biogeochemical Cycles</i> , 2010, 24, .	4.9	30
115	N:P:Si nutrient export ratios and ecological consequences in coastal seas evaluated by the ICEP approach. <i>Global Biogeochemical Cycles</i> , 2010, 24, .	4.9	138
116	Nitrogen driving force and pressure relationships at contrasting scales: Implications for catchment management. <i>International Journal of River Basin Management</i> , 2009, 7, 221-232.	2.7	6
117	Modelling benthic denitrification processes over a whole drainage network. <i>Journal of Hydrology</i> , 2009, 379, 239-250.	5.4	24
118	The food-print of Paris: long-term reconstruction of the nitrogen flows imported into the city from its rural hinterland. <i>Regional Environmental Change</i> , 2009, 9, 13-24.	2.9	94
119	Modelling the N cascade in regional watersheds: The case study of the Seine, Somme and Scheldt rivers. <i>Agriculture, Ecosystems and Environment</i> , 2009, 133, 234-246.	5.3	68
120	Nitrous oxide (N ₂ O) in the Seine river and basin: Observations and budgets. <i>Agriculture, Ecosystems and Environment</i> , 2009, 133, 223-233.	5.3	83
121	Nutrient transfer in three contrasting NW European watersheds: The Seine, Somme, and Scheldt Rivers. A comparative application of the Seneque/Riverstrahler model. <i>Water Research</i> , 2009, 43, 1740-1754.	11.3	77
122	Nitrous oxide emissions from denitrifying activated sludge of urban wastewater treatment plants, under anoxia and low oxygenation. <i>Bioresource Technology</i> , 2008, 99, 2200-2209.	9.6	168
123	Organic matter dynamics and budgets in the turbidity maximum zone of the Seine Estuary (France). <i>Estuarine, Coastal and Shelf Science</i> , 2008, 77, 150-162.	2.1	25
124	A report card and quality indicators for the Seine estuary: From scientific approach to operational tool. <i>Marine Pollution Bulletin</i> , 2008, 57, 187-201.	5.0	28
125	Modelling nutrient fluxes from sub-arctic basins: Comparison of pristine vs. dammed rivers. <i>Journal of Marine Systems</i> , 2008, 73, 236-249.	2.1	45
126	The changing flow regime and sediment load of the Red River, Viet Nam. <i>Journal of Hydrology</i> , 2007, 334, 199-214.	5.4	115

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127	Modelling nutrient exchange at the sediment-water interface of river systems. <i>Journal of Hydrology</i> , 2007, 341, 55-78.	5.4	43
128	Origin and fate of phosphorus in the Seine watershed (France): Agricultural and hydrographic P budgets. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	46
129	River basin nutrient delivery to the coastal sea: Assessing its potential to sustain new production of non-siliceous algae. <i>Marine Chemistry</i> , 2007, 106, 148-160.	2.3	203
130	The Seine system: Introduction to a multidisciplinary approach of the functioning of a regional river system. <i>Science of the Total Environment</i> , 2007, 375, 1-12.	8.0	64
131	Production vs. Respiration in river systems: An indicator of an "ecological status". <i>Science of the Total Environment</i> , 2007, 375, 110-124.	8.0	43
132	SENEQUE: A multi-scaling GIS interface to the Riverstrahler model of the biogeochemical functioning of river systems. <i>Science of the Total Environment</i> , 2007, 375, 257-273.	8.0	67
133	New tools for modelling water quality of hydrosystems: An application in the Seine River basin in the frame of the Water Framework Directive. <i>Science of the Total Environment</i> , 2007, 375, 274-291.	8.0	48
134	Testing an integrated river-ocean mathematical tool for linking marine eutrophication to land use: The Phaeocystis-dominated Belgian coastal zone (Southern North Sea) over the past 50 years. <i>Journal of Marine Systems</i> , 2007, 64, 216-228.	2.1	107
135	Particulate organic carbon in the estuarine turbidity maxima of the Gironde, Loire and Seine estuaries: origin and lability. <i>Hydrobiologia</i> , 2007, 588, 245-259.	2.0	122
136	Typical features of particulate phosphorus in the Seine estuary (France). <i>Hydrobiologia</i> , 2007, 588, 271-290.	2.0	35
137	Modelling nitrogen transformations in the lower Seine river and estuary (France): impact of wastewater release on oxygenation and N ₂ O emission. <i>Hydrobiologia</i> , 2007, 588, 291-302.	2.0	46
138	Diffuse and Point Sources of Silica in the Seine River Watershed. <i>Environmental Science & Technology</i> , 2006, 40, 6630-6635.	10.0	84
139	Nitrous oxide emissions from secondary activated sludge in nitrifying conditions of urban wastewater treatment plants: Effect of oxygenation level. <i>Water Research</i> , 2006, 40, 2972-2980.	11.3	290
140	Determining the domestic specific loads of two wastewater plants of the Paris conurbation (France) with contrasted treatments: A step for exploring the effects of the application of the European Directive. <i>Water Research</i> , 2006, 40, 3257-3266.	11.3	27
141	Nitrogen Behaviour and Nitrous Oxide Emission in the Tidal Seine River Estuary (France) as Influenced by Human Activities in the Upstream Watershed. <i>Biogeochemistry</i> , 2006, 77, 305-326.	3.5	98
142	Nitrogen removal in a wastewater treatment plant through biofilters: nitrous oxide emissions during nitrification and denitrification. <i>Bioprocess and Biosystems Engineering</i> , 2006, 29, 323-333.	3.4	46
143	Assessing Nitrification and Denitrification in the Seine River and Estuary Using Chemical and Isotopic Techniques. <i>Ecosystems</i> , 2006, 9, 564-577.	3.4	145
144	Organic carbon and bacterial heterotrophic activity in the maximum turbidity zone of the Seine estuary (France). <i>Aquatic Sciences</i> , 2006, 68, 78-85.	1.5	31

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145	Nutrient fluxes and water quality in the drainage network of the Scheldt basin over the last 50 years. <i>Hydrobiologia</i> , 2005, 540, 47-67.	2.0	99
146	Phosphorus budget in the Marne Watershed (France): urban vs. diffuse sources, dissolved vs. particulate forms. <i>Biogeochemistry</i> , 2005, 72, 35-66.	3.5	56
147	Nutrient dynamics and control of eutrophication in the Marne River system: modelling the role of exchangeable phosphorus. <i>Journal of Hydrology</i> , 2005, 304, 397-412.	5.4	107
148	Nitrobacter and Nitrospira genera as representatives of nitrite-oxidizing bacteria: Detection, quantification and growth along the lower Seine River (France). <i>Water Research</i> , 2005, 39, 4979-4992.	11.3	105
149	Nutrient (N, P) budgets for the Red River basin (Vietnam and China). <i>Global Biogeochemical Cycles</i> , 2005, 19, n/a-n/a.	4.9	62
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