Ghassan Chebbo

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.

101 papers	3,243 citations	30 h-index	54 g-index
106 ext. papers	3,570 ext. citations	5.4 avg, IF	5.12 L-index

#	Paper	IF	Citations
101	An Investigation of the Accuracy of EC5 and 5TE Capacitance Sensors for Soil Moisture Monitoring in Urban Soils-Laboratory and Field Calibration. *Sensors*, **2020**, 20,	3.8	3
100	Physically-based urban stormwater quality modelling: An efficient approach for calibration and sensitivity analysis. *Journal of Environmental Management*, **2019**, 246, 462-471	7.9	7
99	Hydrological Modelling of a Road-Side Vegetated Filter Strip: Validation of a Coupled 2D Subsurface Flow and 1D Overland Flow Model. *Green Energy and Technology*, **2019**, 475-479	0.6	
98	Evaluation of contaminant retention in the soil of sustainable drainage systems: methodological reflections on the determination of sorption isotherms. *Blue-Green Systems*, **2019**, 1, 1-17	5.2	1
97	Efficient Calibration and Validation of Physical Stormwater Quality Modelling by Meta-model Based Approach. *Green Energy and Technology*, **2019**, 429-434	0.6	
96	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
95	Zirconium deficit as a tracer of urban sediment accumulation in Sustainable Urban Drainage Systems - Application to the calibration of a filtration model. *Science of the Total Environment*, **2018**, 644, 941-953	10.2	3
94	Accounting for the Spatio-Temporal Variability of Pollutant Processes in Stormwater TSS Modeling Based on Stochastic Approaches. *Water (Switzerland)*, **2018**, 10, 1773	3	7
93	Horizontal and Vertical Variability of Soil Hydraulic Properties in Roadside Sustainable Drainage Systems (SuDS)Nature and Implications for Hydrological Performance Evaluation. *Water (Switzerland)*, **2018**, 10, 987	3	9
92	Do storm event samples bias the comparison between sewer deposits contribution?. *Water Science and Technology*, **2017**, 75, 271-280	2.2	2
91	Assessment of total suspended solids (TSS) event load and its uncertainties in combined sewer system from continuous turbidity measurements. *Urban Water Journal*, **2017**, 14, 789-796	2.3	8
90	Spatial distribution of heavy metals in the surface soil of source-control stormwater infiltration devices - Inter-site comparison. *Science of the Total Environment*, **2017**, 579, 881-892	10.2	40
89	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
88	Investigation of the wash-off process using an innovative portable rainfall simulator allowing continuous monitoring of flow and turbidity at the urban surface outlet. *Science of the Total Environment*, **2017**, 609, 17-26	10.2	12
87	Integrating atmospheric deposition, soil erosion and sewer transport models to assess the transfer of traffic-related pollutants in urban areas. *Environmental Modelling and Software*, **2017**, 96, 158-171	5.2	16
86	Assessment of metal and PAH profiles in SUDS soil based on an improved experimental procedure. *Journal of Environmental Management*, **2017**, 202, 151-166	7.9	14
85	Contribution of atmospheric dry deposition to stormwater loads for PAHs and trace metals in a small and highly trafficked urban road catchment. *Environmental Science and Pollution Research*, **2017**, 24, 26497-26512	5.1	14

84	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
83	Effects of Using Different Sources of Remote Sensing and Geographic Information System Data on Urban Stormwater 2D□1D Modeling. *Applied Sciences (Switzerland)*, **2017**, 7, 904	2.6	2
82	Impact of runoff infiltration on contaminant accumulation and transport in the soil/filter media of Sustainable Urban Drainage Systems: A literature review. *Science of the Total Environment*, **2016**, 569-570, 904-926	10.2	74
81	New insights into the urban washoff process with detailed physical modelling. *Science of the Total Environment*, **2016**, 573, 924-936	10.2	18
80	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
79	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
78	Development and Assessment of the Physically-Based 2D/1D Model □RENOE□ for Urban Stormwater Quantity and Quality Modelling. *Water (Switzerland)*, **2016**, 8, 606	3	2
77	Evaluation of the Performance and the Predictive Capacity of Build-Up and Wash-Off Models on Different Temporal Scales. *Water (Switzerland)*, **2016**, 8, 312	3	9
76	A new approach of monitoring and physically-based modelling to investigate urban wash-off process on a road catchment near Paris. *Water Research*, **2016**, 102, 96-108	12.5	35
75	Benzalkonium runoff from roofs treated with biocide products - In situ pilot-scale study. *Water Research*, **2015**, 81, 279-87	12.5	20
74	Influence of effluent organic matter on copper speciation and bioavailability in rivers under strong urban pressure. *Environmental Science and Pollution Research*, **2015**, 22, 19461-72	5.1	13
73	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
72	An assessment of the respective contributions of flow-rate and concentration variations to mass discharge variations at the outlets of two combined catchments during rain events. *Urban Water Journal*, **2015**, 12, 653-659	2.3	4
71	Assessment of the contribution of sewer deposits to suspended solids loads in combined sewer systems during rain events. *Environmental Science and Pollution Research*, **2014**, 21, 5311-7	5.1	14
70	Priority and emerging pollutants in sewage sludge and fate during sludge treatment. *Waste Management*, **2014**, 34, 1217-26	8.6	62
69	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
68	A new method for modelling roofing materials emissions on the city scale: application for zinc in the City of Cr□teil (France). *Environmental Science and Pollution Research*, **2014**, 21, 5284-96	5.1	2
67	Nonpoint source pollution of urban stormwater runoff: a methodology for source analysis. *Environmental Science and Pollution Research*, **2014**, 21, 10225-42	5.1	48

66	Efficiency of source control systems for reducing runoff pollutant loads: feedback on experimental catchments within Paris conurbation. *Water Research*, **2014**, 57, 234-46	12.5	26
65	Dynamics of pollutant discharge in combined sewer systems during rain events: chance or determinism?. *Water Science and Technology*, **2014**, 69, 1751-8	2.2	1
64	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
63	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
62	Analysis of quaternary ammonium compounds in urban stormwater samples. *Environmental Pollution*, **2012**, 164, 150-7	9.3	49
61	Priority pollutants in urban stormwater: part 2 - case of combined sewers. *Water Research*, **2012**, 46, 6693-703	12.5	98
60	Priority pollutants in urban stormwater: part 1 - case of separate storm sewers. *Water Research*, **2012**, 46, 6683-92	12.5	203
59	Towards the determination of an optimal scale for stormwater quality management: micropollutants in a small residential catchment. *Water Research*, **2012**, 46, 6799-810	12.5	52
58	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
57	Partition of pollution between dissolved and particulate phases: what about emerging substances in urban stormwater catchments?. *Water Research*, **2011**, 45, 913-25	12.5	109
56	Alkylphenols in atmospheric depositions and urban runoff. *Water Science and Technology*, **2011**, 63, 671-9	2.2	23
55	Influence of the land use pattern on the concentrations and fluxes of priority pollutants in urban stormwater. *Water Science and Technology*, **2011**, 64, 1450-8	2.2	29
54	Zn and Pb emissions from roofing materials--modelling and mass balance attempt at the scale of a small urban catchment. *Water Science and Technology*, **2011**, 63, 2590-7	2.2	10
53	Research of trace metals as markers of entry pathways in combined sewers. *Water Science and Technology*, **2011**, 63, 633-40	2.2	2
52	Relationship between turbidity and total suspended solids concentration within a combined sewer system. *Water Science and Technology*, **2011**, 64, 2445-52	2.2	57
51	Efficiency of a turbidity-based, real-time control strategy applied to a retention tank: a simulation study. *Water Science and Technology*, **2011**, 64, 1533-9	2.2	5
50	Occurrence and removal of priority pollutants by lamella clarification and biofiltration. *Water Research*, **2010**, 44, 3065-76	12.5	28
49	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

48	Annual metallic flows in roof runoff from different materials: test-bed scale in Paris conurbation. *Environmental Science & Technology*, **2009**, 43, 5612-8	10.3	37
47	Potential of turbidity monitoring for real time control of pollutant discharge in sewers during rainfall events. *Water Science and Technology*, **2009**, 59, 1471-8	2.2	12
46	Assessment of annual pollutant loads in combined sewers from continuous turbidity measurements: sensitivity to calibration data. *Water Research*, **2009**, 43, 2179-90	12.5	25
45	Stockage/utilisation des eaux de pluie : Quelle(s) incidence(s) des pratiques d'entretien des toitures sur la qualité et le potentiel d'usage des eaux de ruissellement ?. *Cahiers De L Association Scientifique Européenne Pour L Eau Et La Santé*, **2009**, 14, 45-53		1
44	Spatial variability of the characteristics of combined wet weather pollutant loads in Paris. *Water Research*, **2008**, 42, 539-49	12.5	58
43	Wastewater quality and pollutant loads in combined sewers during dry weather periods. *Urban Water Journal*, **2008**, 5, 305-314	2.3	14
42	Temporal evolution of urban wet weather pollution: analysis of PCB and PAH in sediment cores from Lake Bourget, France. *Water Science and Technology*, **2008**, 57, 1503-10	2.2	15
41	Sterols: a tracer of organic matter in combined sewers. *Water Science and Technology*, **2008**, 57, 1705-12	2.2	2
40	Reproducibility and uncertainty of wastewater turbidity measurements. *Water Science and Technology*, **2008**, 57, 1667-73	2.2	17
39	Settling velocity of particulate pollutants from combined sewer wet weather discharges. *Water Science and Technology*, **2008**, 58, 2453-65	2.2	6
38	Bed shear stress evaluation in combined sewers. *Urban Water Journal*, **2008**, 5, 219-229	2.3	8
37	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
36	De l'utilisation pertinente des modèles de calcul des flux polluants en réseaux d'assainissement urbains. *Houille Blanche*, **2007**, 93, 105-111	0.3	
35	Evaluation des modèles de calcul des flux polluants des rejets urbains par temps de pluie. *Houille Blanche*, **2007**, 93, 99-104	0.3	
34	Utilisation des modèles de calcul des flux polluants en assainissement : Résultats d'une enquête en France. *Houille Blanche*, **2007**, 93, 94-98	0.3	1
33	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	
32	Contribution of domestic effluents to hydrocarbon levels of dry weather flow in combined sewers. *Urban Water Journal*, **2006**, 3, 225-233	2.3	5
31	Précision et reproductibilité du mesurage de la turbidité des eaux résiduaires urbaines sur échantillons. *Houille Blanche*, **2006**, 92, 129-135	0.3	2

30	Design of a retention tank: comparison of stormwater quality models with various levels of complexity. *Water Science and Technology*, **2006**, 54, 231-8	2.2	25
29	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
28	Application of MCMC□SA model calibration method to urban runoff quality modeling. *Reliability Engineering and System Safety*, **2006**, 91, 1398-1405	6.3	33
27	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
26	Contribution of different sources to the hydrocarbon pollution during a rain event at the scale of an experimental catchment in Paris centre. *Urban Water Journal*, **2004**, 1, 263-273	2.3	1
25	Hydrocarbons and heavy metals in the different sewer deposits in the 'Le Marais' catchment (Paris, France): stocks, distributions and origins. *Science of the Total Environment*, **2004**, 323, 107-22	10.2	90
24	Hydrocarbons and Metals in Atmospheric Deposition and Roof Runoff in Central Paris. *Water, Air, and Soil Pollution*, **2004**, 159, 67-86	2.6	46
23	Hydrocarbon pollution fixed to combined sewer sediment: a case study in Paris. *Chemosphere*, **2004**, 54, 795-804	8.4	18
22	The experimental urban catchment □le Marais□in Paris: what lessons can be learned from it?. *Journal of Hydrology*, **2004**, 299, 312-323	6	45
21	Modeling In-Sewer Deposit Erosion to Predict Sewer Flow Quality. *Journal of Hydraulic Engineering*, **2003**, 129, 316-324	1.8	15
20	Identification of in-sewer sources of organic solids contributing to combined sewer overflows. *Environmental Technology (United Kingdom)*, **2002**, 23, 1063-73	2.6	13
19	Sizing Ratios for Stormwater Treatment Facilities **2002**, 1		6
18	Determination of aliphatic hydrocarbons in urban runoff samples from the "Le Marais" experimental catchment in Paris centre. *Water Research*, **2002**, 36, 1275-85	12.5	28
17	Production and transport of urban wet weather pollution in combined sewer systems: the □Marais□ experimental urban catchment in Paris. *Urban Water*, **2001**, 3, 3-15		45
16	Contribution of different sources to the pollution of wet weather flows in combined sewers. *Water Research*, **2001**, 35, 521-33	12.5	154
15	Evaluation des incertitudes de mesure des concentrations en polluants en r□eau d'assainissement. *Houille Blanche*, **2001**, 87, 109-114	0.3	4
14	Determination of Polycyclic Aromatic Hydrocarbons in Urban Runoff Samples from the □le Marais□ Experimental Catchment in Paris Centre. *Polycyclic Aromatic Compounds*, **2000**, 20, 1-19	1.3	17
13	The quality of street cleaning waters: comparison with dry and wet weather flows in a Parisian combined sewer system. *Urban Water*, **2000**, 2, 39-46		18

12	Sources and erosion of organic solids in a combined sewer. *Urban Water*, **2000**, 2, 305-315		23
11	Numerical modelling of bed load sediment traps in sewer systems by density currents. *Water Science and Technology*, **1999**, 39, 153	2.2	11
10	A street deposit sampling method for metal and hydrocarbon contamination assessment. *Science of the Total Environment*, **1999**, 235, 211-20	10.2	51
9	Heavy metal concentrations in dry and wet atmospheric deposits in Paris district: comparison with urban runoff. *Science of the Total Environment*, **1999**, 235, 235-245	10.2	73
8	Distribution of pollutant mass vs volume in stormwater discharges and the first flush phenomenon. *Water Research*, **1998**, 32, 2341-2356	12.5	310
7	Estimation of settling velocities. *Water Research*, **1998**, 32, 3461-3471	12.5	19
6	Origins and characteristics of urban wet weather pollution in combined sewer systems: the experimental urban catchment Île Marais in Paris. *Water Science and Technology*, **1998**, 37, 35-43	2.2	13
5	Analysis of the methods for determining the settling characteristics of sewage and stormwater solids. *Water Science and Technology*, **1998**, 37, 53-60	2.2	4
4	Base de donnès sur la qualit'des rejets urbains de temps de pluie (QASTOR) : distribution de la pollution rejetè, dimensions des ouvrages d'interception. *Houille Blanche*, **1996**, 82, 15-20	0.3	
3	The first flush in sewer systems. *Water Science and Technology*, **1996**, 33, 101-108	2.2	41
2	Methods for determining the settling velocity profiles of solids in storm sewage. *Water Science and Technology*, **1996**, 33, 117-125	2.2	9
1	Characterization of Solids Transferred into Sewer Trunks during Wet Weather. *Water Science and Technology*, **1990**, 22, 231-238	2.2	3