Anne Jaffrezic

List of Publications by Year
in descending order

32	1,889	304743 22	414414 32
papers	citations	h-index	g-index

34	34	34	2421
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Flowpath controls on highâ€spatialâ€resolution waterâ€chemistry profiles in headwater streams. Hydrological Processes, 2021, 35, e14247.	2.6	4
2	Agricultural Practices and Hydrologic Conditions Shape the Temporal Pattern of Soil and Stream Water Dissolved Organic Matter. Ecosystems, 2020, 23, 1325-1343.	3.4	10
3	A comprehensive dataset on nitrate, Nitrite and dissolved organic carbon leaching losses from a 4-year Lysimeter study. Data in Brief, 2020, 32, 106029.	1.0	1
4	Multitemporal Relationships Between the Hydroclimate and Exports of Carbon, Nitrogen, and Phosphorus in a Small Agricultural Watershed. Water Resources Research, 2020, 56, e2019WR026323.	4.2	13
5	Water Table Dynamics Control Carbon Losses from the Destabilization of Soil Organic Matter in a Small, Lowland Agricultural Catchment. Soil Systems, 2020, 4, 2.	2.6	2
6	PUB in QuÃ©bec: A robust geomorphology-based deconvolution-reconvolution framework for the spatial transposition of hydrographs. Journal of Hydrology, 2019, 570, 378-392.	5.4	9
7	Veterinary pharmaceutical residues in water resources and tap water in an intensive husbandry area in France. Science of the Total Environment, 2019, 664, 605-615.	8.0	53
8	Veterinary pharmaceutical residues from natural water to tap water: Sales, occurrence and fate. Journal of Hazardous Materials, 2019, 361, 169-186.	12.4	207
9	Seasonal variability of stream water quality response to storm events captured using high-frequency and multi-parameter data. Journal of Hydrology, 2018, 559, 282-293.	5.4	53
10	AgrHyS: An Observatory of Response Times in Agroâ€Hydro Systems. Vadose Zone Journal, 2018, 17, 1-16.	2.2	19
11	A comparative study on the pore-size and filter type effect on the molecular composition of soil and stream dissolved organic matter. Organic Geochemistry, 2017, 110, 36-44.	1.8	16
12	Veterinary pharmaceutical contamination in mixed land use watersheds: from agricultural headwater to water monitoring watershed. Science of the Total Environment, 2017, 609, 992-1000.	8.0	38
13	RÃ©sidus mÃ©dicamenteux vÃ©tÃ©rinaires : quelles molÃ©cules rechercher dans les eaux superficielles en contexte dâ€™Ã©levage intensif ?. Techniques - Sciences - Methodes, 2016, , 69-92.	0.0	2
14	Dryâ€season length and runoff control annual variability in stream DOC dynamics in a small, shallow groundwaterâ€dominated agricultural watershed. Water Resources Research, 2015, 51, 7860-7877.	4.2	25
15	Groundwater control of biogeochemical processes causing phosphorus release from riparian wetlands. Water Research, 2015, 84, 307-314.	11.3	82
16	Constraints on the Sources and Production Mechanisms of Dissolved Organic Matter in Soils from Molecular Biomarkers. Vadose Zone Journal, 2014, 13, 1-9.	2.2	25
17	DOC sources and DOC transport pathways in a small headwater catchment as revealed by carbon isotope fluctuation during storm events. Biogeosciences, 2014, 11, 3043-3056.	3.3	49
18	Storage of natural water samples and preservation techniques for pharmaceutical quantification. Talanta, 2013, 109, 31-45.	5.5	28

#	Article	IF	Citations
19	Hydrologically driven seasonal changes in the sources and production mechanisms of dissolved organic carbon in a small lowland catchment. Water Resources Research, 2013, 49, 5792-5803.	4.2	60
20	Solute transport dynamics in small, shallow groundwater-dominated agricultural catchments: insights from a high-frequency, multisolute 10 yr-long monitoring study. Hydrology and Earth System Sciences, 2013, 17, 1379-1391.	4.9	79
21	Microbial and Chemical Markers: Runoff Transfer in Animal Manure-Amended Soils. Journal of Environmental Quality, 2011, 40, 959-968.	2.0	22
22	Carbon isotopes as tracers of dissolved organic carbon sources and water pathways in headwater catchments. Journal of Hydrology, 2011, 402, 228-238.	5.4	59
23	Discrimination of Farm Waste Contamination by Fluorescence Spectroscopy Coupled with Multivariate Analysis during a Biodegradation Study. Journal of Agricultural and Food Chemistry, 2010, 58, 3093-3100.	5.2	27
24	Development of microbial and chemical MST tools to identify the origin of the faecal pollution in bathing and shellfish harvesting waters in France. Water Research, 2010, 44, 4812-4824.	11.3	87
25	Sources of dissolved organic carbon during stormflow in a headwater agricultural catchment. Hydrological Processes, 2009, 23, 2888-2901.	2.6	86
26	Tracing and Quantifying Sources of Fatty Acids and Steroids in Amended Cultivated Soils. Journal of Agricultural and Food Chemistry, 2009, 57, 6950-6956.	5.2	11
27	High chemical weathering rates in first-order granitic catchments induced by agricultural stress. Chemical Geology, 2009, 265, 369-380.	3.3	42
28	Î´13C Values of Grasses as a Novel Indicator of Pollution by Fossil-Fuel-Derived Greenhouse Gas CO2in Urban Areas. Environmental Science & Technology, 2003, 37, 87-89.	10.0	46
29	Release of Trace Elements in Wetlands: Role of Seasonal Variability. Water Research, 2001, 35, 943-952.	11.3	140
30	Iron control by equilibria between hydroxy-Green Rusts and solutions in hydromorphic soils. Geochimica Et Cosmochimica Acta, 1999, 63, 3417-3427.	3.9	122
31	Thermodynamic Equilibria in Aqueous Suspensions of Synthetic and Natural Fe(II)â^'Fe(III) Green Rusts:â€‰ Occurrences of the Mineral in Hydromorphic Soils. Environmental Science & Technology, 1998, 32, 1058-1068.	10.0	301
32	Correlation Between Solvation Energies and Electrospray Mass Spectrometric Response Factors. Study by Electrospray Mass Spectrometry of Supramolecular Complexes in Thermodynamic Equilibrium in Solution. Journal of Mass Spectrometry, 1996, 31, 537-544.	1.6	168