

Anne Jaffrezic

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,889
citations

304743

22
h-index

414414

32
g-index

34
all docs

34
docs citations

34
times ranked

2421
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic Equilibria in Aqueous Suspensions of Synthetic and Natural Fe(II)~Fe(III) Green Rusts:~ Occurrences of the Mineral in Hydromorphic Soils. <i>Environmental Science & Technology</i> , 1998, 32, 1058-1068.	10.0	301
2	Veterinary pharmaceutical residues from natural water to tap water: Sales, occurrence and fate. <i>Journal of Hazardous Materials</i> , 2019, 361, 169-186.	12.4	207
3	Correlation Between Solvation Energies and Electrospray Mass Spectrometric Response Factors. Study by Electrospray Mass Spectrometry of Supramolecular Complexes in Thermodynamic Equilibrium in Solution. <i>Journal of Mass Spectrometry</i> , 1996, 31, 537-544.	1.6	168
4	Release of Trace Elements in Wetlands: Role of Seasonal Variability. <i>Water Research</i> , 2001, 35, 943-952.	11.3	140
5	Iron control by equilibria between hydroxy-Green Rusts and solutions in hydromorphic soils. <i>Geochimica Et Cosmochimica Acta</i> , 1999, 63, 3417-3427.	3.9	122
6	Development of microbial and chemical MST tools to identify the origin of the faecal pollution in bathing and shellfish harvesting waters in France. <i>Water Research</i> , 2010, 44, 4812-4824.	11.3	87
7	Sources of dissolved organic carbon during stormflow in a headwater agricultural catchment. <i>Hydrological Processes</i> , 2009, 23, 2888-2901.	2.6	86
8	Groundwater control of biogeochemical processes causing phosphorus release from riparian wetlands. <i>Water Research</i> , 2015, 84, 307-314.	11.3	82
9	Solute transport dynamics in small, shallow groundwater-dominated agricultural catchments: insights from a high-frequency, multisolute 10 yr-long monitoring study. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 1379-1391.	4.9	79
10	Hydrologically driven seasonal changes in the sources and production mechanisms of dissolved organic carbon in a small lowland catchment. <i>Water Resources Research</i> , 2013, 49, 5792-5803.	4.2	60
11	Carbon isotopes as tracers of dissolved organic carbon sources and water pathways in headwater catchments. <i>Journal of Hydrology</i> , 2011, 402, 228-238.	5.4	59
12	Seasonal variability of stream water quality response to storm events captured using high-frequency and multi-parameter data. <i>Journal of Hydrology</i> , 2018, 559, 282-293.	5.4	53
13	Veterinary pharmaceutical residues in water resources and tap water in an intensive husbandry area in France. <i>Science of the Total Environment</i> , 2019, 664, 605-615.	8.0	53
14	DOC sources and DOC transport pathways in a small headwater catchment as revealed by carbon isotope fluctuation during storm events. <i>Biogeosciences</i> , 2014, 11, 3043-3056.	3.3	49
15	~13C Values of Grasses as a Novel Indicator of Pollution by Fossil-Fuel-Derived Greenhouse Gas CO2in Urban Areas. <i>Environmental Science & Technology</i> , 2003, 37, 87-89.	10.0	46
16	High chemical weathering rates in first-order granitic catchments induced by agricultural stress. <i>Chemical Geology</i> , 2009, 265, 369-380.	3.3	42
17	Veterinary pharmaceutical contamination in mixed land use watersheds: from agricultural headwater to water monitoring watershed. <i>Science of the Total Environment</i> , 2017, 609, 992-1000.	8.0	38
18	Storage of natural water samples and preservation techniques for pharmaceutical quantification. <i>Talanta</i> , 2013, 109, 31-45.	5.5	28

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19	Discrimination of Farm Waste Contamination by Fluorescence Spectroscopy Coupled with Multivariate Analysis during a Biodegradation Study. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 3093-3100.	5.2	27
20	Constraints on the Sources and Production Mechanisms of Dissolved Organic Matter in Soils from Molecular Biomarkers. <i>Vadose Zone Journal</i> , 2014, 13, 1-9.	2.2	25
21	Dry-season length and runoff control annual variability in stream DOC dynamics in a small, shallow groundwater-dominated agricultural watershed. <i>Water Resources Research</i> , 2015, 51, 7860-7877.	4.2	25
22	Microbial and Chemical Markers: Runoff Transfer in Animal Manure-Amended Soils. <i>Journal of Environmental Quality</i> , 2011, 40, 959-968.	2.0	22
23	AgrHyS: An Observatory of Response Times in Agro-Hydro Systems. <i>Vadose Zone Journal</i> , 2018, 17, 1-16.	2.2	19
24	A comparative study on the pore-size and filter type effect on the molecular composition of soil and stream dissolved organic matter. <i>Organic Geochemistry</i> , 2017, 110, 36-44.	1.8	16
25	Multitemporal Relationships Between the Hydroclimate and Exports of Carbon, Nitrogen, and Phosphorus in a Small Agricultural Watershed. <i>Water Resources Research</i> , 2020, 56, e2019WR026323.	4.2	13
26	Tracing and Quantifying Sources of Fatty Acids and Steroids in Amended Cultivated Soils. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 6950-6956.	5.2	11
27	Agricultural Practices and Hydrologic Conditions Shape the Temporal Pattern of Soil and Stream Water Dissolved Organic Matter. <i>Ecosystems</i> , 2020, 23, 1325-1343.	3.4	10
28	PUB in QuÃ©bec: A robust geomorphology-based deconvolution-reconvolution framework for the spatial transposition of hydrographs. <i>Journal of Hydrology</i> , 2019, 570, 378-392.	5.4	9
29	Flowpath controls on high-spatial-resolution water-chemistry profiles in headwater streams. <i>Hydrological Processes</i> , 2021, 35, e14247.	2.6	4
30	Water Table Dynamics Control Carbon Losses from the Destabilization of Soil Organic Matter in a Small, Lowland Agricultural Catchment. <i>Soil Systems</i> , 2020, 4, 2.	2.6	2
31	RÃ©sidus mÃ©dicamenteux vÃ©gÃ©tales : quelles molÃ©cules rechercher dans les eaux superficielles en contexte d'Ã©levage intensif ?. <i>Techniques - Sciences - Methodes</i> , 2016, , 69-92.	0.0	2
32	A comprehensive dataset on nitrate, Nitrite and dissolved organic carbon leaching losses from a 4-year Lysimeter study. <i>Data in Brief</i> , 2020, 32, 106029.	1.0	1