

Francesc Ventura

List of Publications by Year in descending order

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89
papers

7,437
citations

71102

41
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53230

85
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90
docs citations

90
times ranked

7290
citing authors

#	ARTICLE	IF	CITATIONS
1	Predicted Environmental Concentrations: A Useful Tool to Evaluate the Presence of Cytostatics in Surface Waters. , 2020, , 27-54.		5
2	Identification of 3-(trifluoromethyl)phenol as the malodorous compound in a pollution incident in the water supply in Catalonia (N.E. Spain). Environmental Science and Pollution Research, 2019, 26, 16076-16084.	5.3	2
3	Dioxanes and dioxolanes in source waters: Occurrence, odor thresholds and behavior through upgraded conventional and advanced processes in a drinking water treatment plant. Water Research, 2019, 156, 404-413.	11.3	22
4	Simultaneous determination of the potential carcinogen 1,4-dioxane and malodorous alkyl-1,3-dioxanes and alkyl-1,3-dioxolanes in environmental waters by solid-phase extraction and gas chromatography tandem mass spectrometry. Journal of Chromatography A, 2017, 1487, 1-13.	3.7	27
5	Determination of cytostatic drugs in BesŃs River (NE Spain) and comparison with predicted environmental concentrations. Environmental Science and Pollution Research, 2017, 24, 6492-6503.	5.3	38
6	Anticancer drugs: Consumption trends in Spain, prediction of environmental concentrations and potential risks. Environmental Pollution, 2017, 229, 505-515.	7.5	47
7	Do cytostatic drugs reach drinking water? The case of mycophenolic acid. Environmental Pollution, 2016, 208, 532-536.	7.5	22
8	Odor Events in Surface and Treated Water: The Case of 1,3-Dioxane Related Compounds. Environmental Science & Technology, 2016, 50, 62-69.	10.0	18
9	Predicting concentrations of cytostatic drugs in sewage effluents and surface waters of Catalonia (NE Spain). Environmental Research, 2015, 138, 161-172.	7.5	75
10	Occurrence of cytostatic compounds in hospital effluents and wastewaters, determined by liquid chromatography coupled to high-resolution mass spectrometry. Analytical and Bioanalytical Chemistry, 2014, 406, 3801-3814.	3.7	73
11	Survey of the occurrence of pharmaceuticals in Spanish finished drinking waters. Environmental Science and Pollution Research, 2014, 21, 10917-10939.	5.3	28
12	Occurrence and behavior of pesticides in wastewater treatment plants and their environmental impact. Science of the Total Environment, 2013, 458-460, 466-476.	8.0	282
13	Validation and uncertainty estimation of a multiresidue method for pharmaceuticals in surface and treated waters by liquid chromatographyŃtandem mass spectrometry. Journal of Chromatography A, 2013, 1286, 146-158.	3.7	98
14	Occurrence of perfluorooctane sulfonate (PFOS) and perfluorooctanoate (PFOA) in N.E. Spanish surface waters and their removal in a drinking water treatment plant that combines conventional and advanced treatments in parallel lines. Science of the Total Environment, 2013, 461-462, 618-626.	8.0	150
15	Liquid chromatography coupled to tandem mass spectrometry and high resolution mass spectrometry as analytical tools to characterize multi-class cytostatic compounds. Journal of Chromatography A, 2013, 1276, 78-94.	3.7	47
16	Occurrence of cyclophosphamide and epirubicin in wastewaters by direct injection analysisŃliquid chromatographyŃhigh-resolution mass spectrometry. Environmental Science and Pollution Research, 2012, 19, 3210-3218.	5.3	65
17	New chlorinated amphetamine-type-stimulants disinfection-by-products formed during drinking water treatment. Water Research, 2012, 46, 3304-3314.	11.3	31
18	Gas chromatography/mass spectrometry comprehensive analysis of organophosphorus, brominated flame retardants, by-products and formulation intermediates in water. Journal of Chromatography A, 2012, 1241, 1-12.	3.7	65

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19	Occurrence and removal of pharmaceuticals and hormones through drinking water treatment. <i>Water Research</i> , 2011, 45, 1432-1442.	11.3	540
20	Occurrence, partition and removal of pharmaceuticals in sewage water and sludge during wastewater treatment. <i>Water Research</i> , 2011, 45, 1165-1176.	11.3	802
21	Behavior of pharmaceuticals and drugs of abuse in a drinking water treatment plant (DWTP) using combined conventional and ultrafiltration and reverse osmosis (UF/RO) treatments. <i>Environmental Pollution</i> , 2011, 159, 1584-1591.	7.5	173
22	Evaluation of the presence of drugs of abuse in tap waters. <i>Chemosphere</i> , 2011, 84, 1601-1607.	8.2	78
23	Hydrophilic interaction liquid chromatography/tandem mass spectrometry for the analysis of diallyldimethylammonium chloride in water. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 379-386.	1.5	6
24	Identification of Alkyl-methoxypyrazines as the Malodorous Compounds in Water Supplies from Northwest Spain. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 85, 160-164.	2.7	11
25	Stir bar sorptive extraction-thermal desorption-gas chromatography-mass spectrometry: An effective tool for determining persistent organic pollutants and nonylphenol in coastal waters in compliance with existing Directives. <i>Marine Pollution Bulletin</i> , 2010, 60, 103-112.	5.0	79
26	Fast liquid chromatography-quadrupole-linear ion trap mass spectrometry for the analysis of pharmaceuticals and hormones in water resources. <i>Journal of Chromatography A</i> , 2010, 1217, 4212-4222.	3.7	120
27	Removal of drugs of abuse from municipal wastewater using reverse osmosis membranes. <i>Desalination and Water Treatment</i> , 2010, 21, 122-130.	1.0	27
28	Illicit Drugs in the Urban Water Cycle. <i>Environmental Pollution</i> , 2010, , 51-71.	0.4	2
29	Ultra-trace determination of Persistent Organic Pollutants in Arctic ice using stir bar sorptive extraction and gas chromatography coupled to mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 8581-8589.	3.7	29
30	Monitoring of opiates, cannabinoids and their metabolites in wastewater, surface water and finished water in Catalonia, Spain. <i>Water Research</i> , 2009, 43, 1126-1136.	11.3	214
31	Occurrence of psychoactive stimulatory drugs in wastewaters in north-eastern Spain. <i>Science of the Total Environment</i> , 2008, 397, 31-40.	8.0	232
32	Occurrence and fate of emerging wastewater contaminants in Western Balkan Region. <i>Science of the Total Environment</i> , 2008, 399, 66-77.	8.0	247
33	Rejection of pharmaceuticals in nanofiltration and reverse osmosis membrane drinking water treatment. <i>Water Research</i> , 2008, 42, 3601-3610.	11.3	600
34	Analysis of nitrosamines in water by automated SPE and isotope dilution GC/HRMS Occurrence in the different steps of a drinking water treatment plant, and in chlorinated samples from a reservoir and a sewage treatment plant effluent. <i>Talanta</i> , 2008, 76, 906-913.	5.5	121
35	Stimulatory Drugs of Abuse in Surface Waters and Their Removal in a Conventional Drinking Water Treatment Plant. <i>Environmental Science & Technology</i> , 2008, 42, 6809-6816.	10.0	194
36	Ultraperformance Liquid Chromatography-Tandem Mass Spectrometry Analysis of Stimulatory Drugs of Abuse in Wastewater and Surface Waters. <i>Analytical Chemistry</i> , 2007, 79, 3821-3829.	6.5	189

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37	A review of taste and odour events in Barcelona's drinking water area (1990â€“2004). <i>Water Science and Technology</i> , 2007, 55, 217-221.	2.5	23
38	Trace determination of cannabinoids and opiates in wastewater and surface waters by ultra-performance liquid chromatographyâ€“tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1175, 38-48.	3.7	183
39	Determination of Henry's law constants for low volatile mixed halogenated anisoles using solid-phase microextraction. <i>Analytica Chimica Acta</i> , 2007, 589, 133-136.	5.4	6
40	Polar Pollutants Entry into the Water Cycle by Municipal Wastewater: A European Perspective. <i>Environmental Science & Technology</i> , 2006, 40, 5451-5458.	10.0	373
41	Analysis of odorous trichlorobromophenols in water by in-sample derivatization/solid-phase microextraction GC/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 293-298.	3.7	16
42	Determination of odorous mixed chloro-bromoanisoles in water by solid-phase micro-extraction and gas chromatographyâ€“mass detection. <i>Journal of Chromatography A</i> , 2005, 1064, 97-106.	3.7	50
43	Determination of chlorinated toluenes in raw and treated water samples from the Llobregat river by closed loop stripping analysis and gas chromatographyâ€“mass spectrometry detection. <i>Journal of Chromatography A</i> , 2005, 1077, 68-73.	3.7	22
44	Determination of the Odor Threshold Concentrations of Chlorobrominated Anisoles in Water. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 383-387.	5.2	27
45	ESTROGENIC POTENTIAL OF HALOGENATED DERIVATIVES OF NONYLPHENOL ETHOXYLATES AND CARBOXYLATES. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 705.	4.3	32
46	Identification of 2,3-butanedione (diacetyl) as the compound causing odor events at trace levels in the Llobregat River and Barcelonaâ€™s treated water (Spain). <i>Journal of Chromatography A</i> , 2004, 1034, 175-182.	3.7	21
47	Estimation of measurement uncertainty for the determination of nonylphenol in water using solid-phase extraction and solid-phase microextraction procedures. <i>Analytica Chimica Acta</i> , 2004, 506, 71-80.	5.4	61
48	Low nanogram per liter determination of halogenated nonylphenols, nonylphenol carboxylates, and their non-halogenated precursors in water and sludge by liquid chromatography electrospray tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2003, 14, 516-527.	2.8	100
49	A flow immunoassay for alkylphenol ethoxylate surfactants and their metabolitesâ€™ questions associated with cross-reactivity, matrix effects, and validation by chromatographic techniques. <i>Analyst</i> , The, 2003, 128, 849-856.	3.5	10
50	Occurrence and Removal of Estrogenic Short-Chain Ethoxy Nonylphenolic Compounds and Their Halogenated Derivatives during Drinking Water Production. <i>Environmental Science & Technology</i> , 2003, 37, 4442-4448.	10.0	90
51	Simultaneous Quantitative Analysis of Anionic, Cationic, and Nonionic Surfactants in Water by Electrospray Ionization Mass Spectrometry with Flow Injection Analysis. <i>Analytical Chemistry</i> , 2003, 75, 5129-5136.	6.5	42
52	Characterisation of volatile organic contaminants after different pretreatment systems in reclaimed wastewater. <i>Water Science and Technology: Water Supply</i> , 2003, 3, 139-143.	2.1	2
53	Determination of estrogenic short ethoxy chain nonylphenols and metabolites in river and treated water by SPE (solid phase extraction) and SPME (solid phase microextraction). <i>Water Science and Technology: Water Supply</i> , 2003, 3, 329-334.	2.1	0
54	Characterization of Paint Samples Used in Drinking Water Reservoirs: Identification of Endocrine Disruptor Compounds. <i>Journal of Chromatographic Science</i> , 2002, 40, 191-197.	1.4	17

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55	Simultaneous Determination of Estrogenic Short Ethoxy Chain Nonylphenols and Their Acidic Metabolites in Water by an In-Sample Derivatization/Solid-Phase Microextraction Method. <i>Analytical Chemistry</i> , 2002, 74, 3869-3876.	6.5	77
56	The behavior of polar aromatic sulfonates during drinking water production: a case study on sulfophenyl carboxylates in two European waterworks. <i>Water Research</i> , 2002, 36, 2179-2186.	11.3	33
57	Development of a solid-phase microextraction method for the determination of short-ethoxy-chain nonylphenols and their brominated analogs in raw and treated water. <i>Journal of Chromatography A</i> , 2002, 963, 159-167.	3.7	53
58	Determination of aldehydes in drinking water using pentafluorobenzylhydroxylamine derivatization and solid-phase microextraction. <i>Journal of Chromatography A</i> , 2002, 943, 1-13.	3.7	124
59	Determination of the Odor Threshold Concentrations Of Iodinated Trihalomethanes in Drinking Water. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 1881-1884.	5.2	53
60	Simultaneous Determination of Halogenated Derivatives of Alkylphenol Ethoxylates and Their Metabolites in Sludges, River Sediments, and Surface, Drinking, and Wastewaters by Liquid Chromatography-Mass Spectrometry. <i>Analytical Chemistry</i> , 2001, 73, 5886-5895.	6.5	143
61	Monitoring of pesticides in drinking and related waters in NE Spain with a multiresidue SPE-GC-MS method including an estimation of the uncertainty of the analytical results. <i>Journal of Chromatography A</i> , 2001, 938, 3-13.	3.7	116
62	Inter-laboratory comparison of liquid chromatographic techniques and enzyme-linked immunosorbent assay for the determination of surfactants in wastewaters. <i>Journal of Chromatography A</i> , 2000, 889, 195-209.	3.7	31
63	Simultaneous determination of cyanogen chloride and cyanogen bromide in treated water at sub- μ g/L levels by a new solid-phase microextraction-gas chromatographic-electron-capture detection method. <i>Journal of Chromatography A</i> , 2000, 897, 307-315.	3.7	18
64	Determination, synthesis and survey of iodinated trihalomethanes in water treatment processes. <i>Water Research</i> , 2000, 34, 3380-3390.	11.3	118
65	Chapter 19 Applications of liquid chromatography-mass spectrometry in environmental chemistry: characterization and determination of surfactants and their metabolites in water samples by modern mass spectrometric techniques. <i>Techniques and Instrumentation in Analytical Chemistry</i> , 2000, 21, 827-933.	0.0	7
66	Occurrence of Geosmin and Other Odorous Compounds of Natural Origin in Surface and Drinking Waters. A Case Study. <i>International Journal of Environmental Analytical Chemistry</i> , 2000, 77, 243-254.	3.3	11
67	Sequential solid phase extraction protocol followed by liquid chromatography-atmospheric pressure chemical ionization-mass spectrometry for the trace determination of non ionic polyethoxylated surfactants in tannery wastewaters. <i>Waste Management</i> , 1999, 19, 101-110.	7.4	45
68	Solid-phase microextraction for the determination of iodinated trihalomethanes in drinking water. <i>Journal of Chromatography A</i> , 1999, 841, 197-206.	3.7	39
69	Behavior of Halogenated Disinfection By-Products in the Water Treatment Plant of Barcelona, Spain. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1999, 63, 610-617.	2.7	38
70	Development of a Solid-Phase Microextraction GC-NPD Procedure for the Determination of Free Volatile Amines in Wastewater and Sewage-Polluted Waters. <i>Analytical Chemistry</i> , 1999, 71, 3531-3537.	6.5	123
71	Monitoring of pesticides in river water using fully automated on-line solid-phase extraction and liquid chromatography with diode array detection with a novel filtration device. <i>Journal of Chromatography A</i> , 1998, 795, 71-82.	3.7	43
72	Strategies for the identification of compounds causing odours in water: A study of creosote spills. <i>Water Research</i> , 1998, 32, 503-509.	11.3	11

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73	Identification of 1,3-Dioxanes and 1,3-Dioxolanes as Malodorous Compounds at Trace Levels in River Water, Groundwater, and Tap Water. <i>Environmental Science & Technology</i> , 1998, 32, 206-216.	10.0	37
74	Determination of Dicyclopentadiene and Its Derivatives as Compounds Causing Odors in Groundwater Supplies. <i>Environmental Science & Technology</i> , 1997, 31, 2368-2374.	10.0	27
75	Identification of organic pollutants in Ter river and its system of reservoirs supplying water to Barcelona (Catalonia, Spain): A study by GC/MS and FAB/MS. <i>Water Research</i> , 1997, 31, 1996-2004.	11.3	26
76	Assessment of Polychlorinated Naphthalenes in Aquifer Samples for Drinking Water Purposes. , 1997, 11, 410-414.		31
77	Polychlorinated naphthalenes in groundwater samples from the Llobregat aquifer (Spain). <i>Journal of Chromatography A</i> , 1997, 786, 135-144.	3.7	30
78	Assessment of biological activity and fate of organic compounds in a reactor for the measurement of biodegradable organic carbon in water. <i>Journal of Applied Bacteriology</i> , 1995, 79, 558-568.	1.1	9
79	Fate and toxicity assessment of linear alkylbenzene sulfonates in drinking water using the ames test. <i>Environmental Toxicology and Water Quality</i> , 1993, 8, 383-396.	0.5	2
80	Chapter 14 Characterization Of Surfactants In Water By Desorption Ionization Methods. <i>Techniques and Instrumentation in Analytical Chemistry</i> , 1993, 13, 481-520.	0.0	0
81	Identification of [(alkyloxy)polyethoxy]carboxylates in raw and drinking water by mass spectrometry/mass-spectrometry and mass determination using fast atom bombardment and nonionic surfactants as internal standards. <i>Analytical Chemistry</i> , 1991, 63, 2095-2099.	6.5	33
82	Identification of surfactants in water by fab mass spectrometry. <i>Water Research</i> , 1989, 23, 1191-1203.	11.3	46
83	Identification of additives present in commercial dyes by fast atom bombardment. <i>Organic Mass Spectrometry</i> , 1988, 23, 558-560.	1.3	4
84	Characterization of polyethoxylated surfactants and their brominated derivatives formed at the water treatment plant of Barcelona by GC/MS and FAB mass spectrometry. <i>Water Research</i> , 1988, 22, 1211-1217.	11.3	55
85	GC/MS, HPLC and FAB Mass Spectrometric Analysis of Organic Micropollutants in Barcelona's Water Supply. <i>International Journal of Environmental Analytical Chemistry</i> , 1987, 29, 15-35.	3.3	53
86	Fate of Atrazine and Trifluralin from an Industrial Waste Dumping at the Llobregat River Presence in Fish, Raw and Finished Water. <i>International Journal of Environmental Analytical Chemistry</i> , 1986, 24, 183-191.	3.3	18
87	Organic indicators of groundwater pollution by a sanitary landfill. <i>Water Research</i> , 1986, 20, 1153-1159.	11.3	99
88	Potential formation of bromophenols in Barcelona's tap water due to daily salt mine discharges and occasional phenol spills. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1986, 36, 219-225.	2.7	11
89	Factors influencing the high content of brominated trihalomethanes in Barcelona's water supply (Spain). <i>Bulletin of Environmental Contamination and Toxicology</i> , 1985, 35, 73-81.	2.7	39