# Francesc Ventura

## List of Publications by Year in descending order

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|---|---|---|---|
| 89 papers | 7,437 citations | 71102 41 h-index | 53230 85 g-index |
| 90 all docs | 90 docs citations | 90 times ranked | 7290 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Occurrence, partition and removal of pharmaceuticals in sewage water and sludge during wastewater treatment. Water Research, 2011, 45, 1165-1176. | 11.3 | 802 |
| 2 | Rejection of pharmaceuticals in nanofiltration and reverse osmosis membrane drinking water treatment. Water Research, 2008, 42, 3601-3610. | 11.3 | 600 |
| 3 | Occurrence and removal of pharmaceuticals and hormones through drinking water treatment. Water Research, 2011, 45, 1432-1442. | 11.3 | 540 |
| 4 | Polar Pollutants Entry into the Water Cycle by Municipal Wastewater:Â A European Perspective. Environmental Science & Technology, 2006, 40, 5451-5458. | 10.0 | 373 |
| 5 | 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 |
| 6 | Occurrence and fate of emerging wastewater contaminants in Western Balkan Region. Science of the Total Environment, 2008, 399, 66-77. | 8.0 | 247 |
| 7 | Occurrence of psychoactive stimulatory drugs in wastewaters in north-eastern Spain. Science of the Total Environment, 2008, 397, 31-40. | 8.0 | 232 |
| 8 | Monitoring of opiates, cannabinoids and their metabolites in wastewater, surface water and finished water in Catalonia, Spain. Water Research, 2009, 43, 1126-1136. | 11.3 | 214 |
| 9 | Stimulatory Drugs of Abuse in Surface Waters and Their Removal in a Conventional Drinking Water Treatment Plant. Environmental Science & Technology, 2008, 42, 6809-6816. | 10.0 | 194 |
| 10 | Ultraperformance Liquid Chromatographyâ^'Tandem Mass Spectrometry Analysis of Stimulatory Drugs of Abuse in Wastewater and Surface Waters. Analytical Chemistry, 2007, 79, 3821-3829. | 6.5 | 189 |
| 11 | Trace determination of cannabinoids and opiates in wastewater and surface waters by ultra-performance liquid chromatographyâ€"tandem mass spectrometry. Journal of Chromatography A, 2007, 1175, 38-48. | 3.7 | 183 |
| 12 | 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. Environmental Pollution, 2011, 159, 1584-1591. | 7.5 | 173 |
| 13 | 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 |
| 14 | Simultaneous Determination of Halogenated Derivatives of Alkylphenol Ethoxylates and Their Metabolites in Sludges, River Sediments, and Surface, Drinking, and Wastewaters by Liquid Chromatographyâ^'Mass Spectrometry. Analytical Chemistry, 2001, 73, 5886-5895. | 6.5 | 143 |
| 15 | Determination of aldehydes in drinking water using pentafluorobenzylhydroxylamine derivatization and solid-phase microextraction. Journal of Chromatography A, 2002, 943, 1-13. | 3.7 | 124 |
| 16 | Development of a Solid-Phase Microextraction GC-NPD Procedure for the Determination of Free Volatile Amines in Wastewater and Sewage-Polluted Waters. Analytical Chemistry, 1999, 71, 3531-3537. | 6.5 | 123 |
| 17 | Analysis of nitrosamines in water by automated SPE and isotope dilution GC/HRMSOccurrence in the different steps of a drinking water treatment plant, and in chlorinated samples from a reservoir and a sewage treatment plant effluent. Talanta, 2008, 76, 906-913. | 5.5 | 121 |
| 18 | Fast liquid chromatographyâ€"quadrupole-linear ion trap mass spectrometry for the analysis of pharmaceuticals and hormones in water resources. Journal of Chromatography A, 2010, 1217, 4212-4222. | 3.7 | 120 |

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|---|---|---|---|
| 19 | Determination, synthesis and survey of iodinated trihalomethanes in water treatment processes. Water Research, 2000, 34, 3380-3390. | 11.3 | 118 |
| 20 | Monitoring of pesticides in drinking and related waters in NE Spain with a multiresidue SPE-GCâ€“MS method including an estimation of the uncertainty of the analytical results. Journal of Chromatography A, 2001, 938, 3-13. | 3.7 | 116 |
| 21 | 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. Journal of the American Society for Mass Spectrometry, 2003, 14, 516-527. | 2.8 | 100 |
| 22 | Organic indicators of groundwater pollution by a sanitary landfill. Water Research, 1986, 20, 1153-1159. | 11.3 | 99 |
| 23 | Validation and uncertainty estimation of a multiresidue method for pharmaceuticals in surface and treated waters by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2013, 1286, 146-158. | 3.7 | 98 |
| 24 | Occurrence and Removal of Estrogenic Short-Chain Ethoxy Nonylphenolic Compounds and Their Halogenated Derivatives during Drinking Water Production. Environmental Science & Technology, 2003, 37, 4442-4448. | 10.0 | 90 |
| 25 | Stir bar sorptive extraction-thermal desorption-gas chromatographyâ€“mass spectrometry: An effective tool for determining persistent organic pollutants and nonylphenol in coastal waters in compliance with existing Directives. Marine Pollution Bulletin, 2010, 60, 103-112. | 5.0 | 79 |
| 26 | Evaluation of the presence of drugs of abuse in tap waters. Chemosphere, 2011, 84, 1601-1607. | 8.2 | 78 |
| 27 | Simultaneous Determination of Estrogenic Short Ethoxy Chain Nonylphenols and Their Acidic Metabolites in Water by an In-Sample Derivatization/Solid-Phase Microextraction Method. Analytical Chemistry, 2002, 74, 3869-3876. | 6.5 | 77 |
| 28 | Predicting concentrations of cytostatic drugs in sewage effluents and surface waters of Catalonia (NE Spain). Environmental Research, 2015, 138, 161-172. | 7.5 | 75 |
| 29 | 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 |
| 30 | Occurrence of cyclophosphamide and epirubicin in wastewaters by direct injection analysisâ€“liquid chromatographyâ€“high-resolution mass spectrometry. Environmental Science and Pollution Research, 2012, 19, 3210-3218. | 5.3 | 65 |
| 31 | 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 |
| 32 | Estimation of measurement uncertainty for the determination of nonylphenol in water using solid-phase extraction and solid-phase microextraction procedures. Analytica Chimica Acta, 2004, 506, 71-80. | 5.4 | 61 |
| 33 | Characterization of polyethoxylated surfactants and their brominated derivatives formed at the water treatment plant of Barcelona by GC/MS and FAB mass spectrometry. Water Research, 1988, 22, 1211-1217. | 11.3 | 55 |
| 34 | GC/MS, HPLC and FAB Mass Spectrometric Analysis of Organic Micropollutants in Barcelona's Water Supply. International Journal of Environmental Analytical Chemistry, 1987, 29, 15-35. | 3.3 | 53 |
| 35 | Determination of the Odor Threshold Concentrations Of Iodinated Trihalomethanes in Drinking Water. Journal of Agricultural and Food Chemistry, 2001, 49, 1881-1884. | 5.2 | 53 |
| 36 | Development of a solid-phase microextraction method for the determination of short-ethoxy-chain nonylphenols and their brominated analogs in raw and treated water. Journal of Chromatography A, 2002, 963, 159-167. | 3.7 | 53 |

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|---|---|---|---|
| 37 | Determination of odorous mixed chloro-bromoanisoles in water by solid-phase micro-extraction and gas chromatographyâ€“mass detection. Journal of Chromatography A, 2005, 1064, 97-106. | 3.7 | 50 |
| 38 | 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 |
| 39 | Anticancer drugs: Consumption trends in Spain, prediction of environmental concentrations and potential risks. Environmental Pollution, 2017, 229, 505-515. | 7.5 | 47 |
| 40 | Identification of surfactants in water by fab mass spectrometry. Water Research, 1989, 23, 1191-1203. | 11.3 | 46 |
| 41 | Sequential solid phase extraction protocol followed by liquid chromatographyâ€“atmospheric pressure chemical ionizationâ€“mass spectrometry for the trace determination of non ionic polyethoxylated surfactants in tannery wastewaters. Waste Management, 1999, 19, 101-110. | 7.4 | 45 |
| 42 | Monitoring of pesticides in river water using fully automated on-line solid-pase extraction and liquid chromatography with diode array detection with a novel filtration device. Journal of Chromatography A, 1998, 795, 71-82. | 3.7 | 43 |
| 43 | Simultaneous Quantitative Analysis of Anionic, Cationic, and Nonionic Surfactants in Water by Electrospray Ionization Mass Spectrometry with Flow Injection Analysis. Analytical Chemistry, 2003, 75, 5129-5136. | 6.5 | 42 |
| 44 | Factors influencing the high content of brominated trihalomethanes in Barcelona's water supply (Spain). Bulletin of Environmental Contamination and Toxicology, 1985, 35, 73-81. | 2.7 | 39 |
| 45 | Solid-phase microextraction for the determination of iodinated trihalomethanes in drinking water. Journal of Chromatography A, 1999, 841, 197-206. | 3.7 | 39 |
| 46 | Behavior of Halogenated Disinfection By-Products in the Water Treatment Plant of Barcelona, Spain. Bulletin of Environmental Contamination and Toxicology, 1999, 63, 610-617. | 2.7 | 38 |
| 47 | Determination of cytostatic drugs in BesÃ²s River (NE Spain) and comparison with predicted environmental concentrations. Environmental Science and Pollution Research, 2017, 24, 6492-6503. | 5.3 | 38 |
| 48 | Identification of 1,3-Dioxanes and 1,3-Dioxolanes as Malodorous Compounds at Trace Levels in River Water, Groundwater, and Tap Water. Environmental Science & Technology, 1998, 32, 206-216. | 10.0 | 37 |
| 49 | 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. Analytical Chemistry, 1991, 63, 2095-2099. | 6.5 | 33 |
| 50 | The behavior of polar aromatic sulfonates during drinking water production: a case study on sulfophenyl carboxylates in two European waterworks. Water Research, 2002, 36, 2179-2186. | 11.3 | 33 |
| 51 | ESTROGENIC POTENTIAL OF HALOGENATED DERIVATIVES OF NONYLPHENOL ETHOXYLATES AND CARBOXYLATES. Environmental Toxicology and Chemistry, 2004, 23, 705. | 4.3 | 32 |
| 52 | Assessment of Polychlorinated Naphthalenes in Aquifer Samples for Drinking Water Purposes. , 1997, 11, 410-414. | | 31 |
| 53 | Inter-laboratory comparison of liquid chromatographic techniques and enzyme-linked immunosorbent assay for the determination of surfactants in wastewaters. Journal of Chromatography A, 2000, 889, 195-209. | 3.7 | 31 |
| 54 | New chlorinated amphetamine-type-stimulants disinfection-by-products formed during drinking water treatment. Water Research, 2012, 46, 3304-3314. | 11.3 | 31 |

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|---|---|---|---|
| 55 | Polychlorinated naphthalenes in groundwater samples from the Llobregat aquifer (Spain). Journal of Chromatography A, 1997, 786, 135-144. | 3.7 | 30 |
| 56 | Ultra-trace determination of Persistent Organic Pollutants in Arctic ice using stir bar sorptive extraction and gas chromatography coupled to mass spectrometry. Journal of Chromatography A, 2009, 1216, 8581-8589. | 3.7 | 29 |
| 57 | Survey of the occurrence of pharmaceuticals in Spanish finished drinking waters. Environmental Science and Pollution Research, 2014, 21, 10917-10939. | 5.3 | 28 |
| 58 | Determination of Dicyclopentadiene and Its Derivatives as Compounds Causing Odors in Groundwater Supplies. Environmental Science & Technology, 1997, 31, 2368-2374. | 10.0 | 27 |
| 59 | Determination of the Odor Threshold Concentrations of Chlorobrominated Anisoles in Water. Journal of Agricultural and Food Chemistry, 2005, 53, 383-387. | 5.2 | 27 |
| 60 | Removal of drugs of abuse from municipal wastewater using reverse osmosis membranes. Desalination and Water Treatment, 2010, 21, 122-130. | 1.0 | 27 |
| 61 | 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 |
| 62 | 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. Water Research, 1997, 31, 1996-2004. | 11.3 | 26 |
| 63 | A review of taste and odour events in Barcelona's drinking water area (1990â€“2004). Water Science and Technology, 2007, 55, 217-221. | 2.5 | 23 |
| 64 | 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. Journal of Chromatography A, 2005, 1077, 68-73. | 3.7 | 22 |
| 65 | Do cytostatic drugs reach drinking water? The case of mycophenolic acid. Environmental Pollution, 2016, 208, 532-536. | 7.5 | 22 |
| 66 | 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 |
| 67 | 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). Journal of Chromatography A, 2004, 1034, 175-182. | 3.7 | 21 |
| 68 | Fate of Atrazine and Trifluralin from an Industrial Waste Dumping at the Llobregat River Presence in Fish, Raw and Finished Water. International Journal of Environmental Analytical Chemistry, 1986, 24, 183-191. | 3.3 | 18 |
| 69 | Simultaneous determination of cyanogen chloride and cyanogen bromide in treated water at sub-Î¼g/L levels by a new solid-phase microextractionâ€“gas chromatographicâ€“electron-capture detection method. Journal of Chromatography A, 2000, 897, 307-315. | 3.7 | 18 |
| 70 | 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 |
| 71 | Characterization of Paint Samples Used in Drinking Water Reservoirs: Identification of Endocrine Disruptor Compounds. Journal of Chromatographic Science, 2002, 40, 191-197. | 1.4 | 17 |
| 72 | Analysis of odorous trichlorobromophenols in water by in-sample derivatization/solid-phase microextraction GC/MS. Analytical and Bioanalytical Chemistry, 2006, 386, 293-298. | 3.7 | 16 |

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|---|---|---|---|
| 73 | Potential formation of bromophenols in Barcelona's tap water due to daily salt mine discharges and occasional phenol spills. Bulletin of Environmental Contamination and Toxicology, 1986, 36, 219-225. | 2.7 | 11 |
| 74 | Strategies for the identification of compounds causing odours in water: A study of creosote spills. Water Research, 1998, 32, 503-509. | 11.3 | 11 |
| 75 | Occurrence of Geosmin and Other Odorous Compounds of Natural Origin in Surface and Drinking Waters. A Case Study. International Journal of Environmental Analytical Chemistry, 2000, 77, 243-254. | 3.3 | 11 |
| 76 | Identification of Alkyl-methoxypyrazines as the Malodorous Compounds in Water Supplies from Northwest Spain. Bulletin of Environmental Contamination and Toxicology, 2010, 85, 160-164. | 2.7 | 11 |
| 77 | A flow immunoassay for alkylphenol ethoxylate surfactants and their metabolitesâ€"questions associated with cross-reactivity, matrix effects, and validation by chromatographic techniques. Analyst, The, 2003, 128, 849-856. | 3.5 | 10 |
| 78 | Assessment of biological activity and fate of organic compounds in a reactor for the measurement of biodegradable organic carbon in water. Journal of Applied Bacteriology, 1995, 79, 558-568. | 1.1 | 9 |
| 79 | 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. Techniques and Instrumentation in Analytical Chemistry, 2000, 21, 827-933. | 0.0 | 7 |
| 80 | Determination of Henry's law constants for low volatile mixed halogenated anisoles using solid-phase microextraction. Analytica Chimica Acta, 2007, 589, 133-136. | 5.4 | 6 |
| 81 | Hydrophilic interaction liquid chromatography/tandem mass spectrometry for the analysis of diallyldimethylammonium chloride in water. Rapid Communications in Mass Spectrometry, 2011, 25, 379-386. | 1.5 | 6 |
| 82 | Predicted Environmental Concentrations: A Useful Tool to Evaluate the Presence of Cytostatics in Surface Waters. , 2020, , 27-54. | | 5 |
| 83 | Identification of additives present in commercial dyes by fast atom bombardment. Organic Mass Spectrometry, 1988, 23, 558-560. | 1.3 | 4 |
| 84 | Fate and toxicity assessment of linear alkylbenzene sulfonates in drinking water using the ames test. Environmental Toxicology and Water Quality, 1993, 8, 383-396. | 0.5 | 2 |
| 85 | Characterisation of volatile organic contaminants after different pretreatment systems in reclaimed wastewater. Water Science and Technology: Water Supply, 2003, 3, 139-143. | 2.1 | 2 |
| 86 | 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 |
| 87 | Illicit Drugs in the Urban Water Cycle. Environmental Pollution, 2010, , 51-71. | 0.4 | 2 |
| 88 | Chapter 14 Characterization Of Surfactants In Water By Desorption Ionization Methods. Techniques and Instrumentation in Analytical Chemistry, 1993, 13, 481-520. | 0.0 | 0 |
| 89 | Determination of estrogenic short ethoxy chain nonylphenols and metabolites in river and treated water by SPE (solid phase extraction) and SPME (solid phase microextraction). Water Science and Technology: Water Supply, 2003, 3, 329-334. | 2.1 | 0 |