

# Francesco Busetti

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,825  
citations

236612

25  
h-index

264894

42  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2556  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of sixteen polycyclic aromatic hydrocarbons in aqueous and solid samples from an Italian wastewater treatment plant. <i>Journal of Chromatography A</i> , 2006, 1102, 104-115.	1.8	204
2	Roles of singlet oxygen and dissolved organic matter in self-sensitized photo-oxidation of antibiotic norfloxacin under sunlight irradiation. <i>Water Research</i> , 2016, 106, 214-222.	5.3	115
3	Organic chloramines in chlorine-based disinfected water systems: A critical review. <i>Journal of Environmental Sciences</i> , 2017, 58, 2-18.	3.2	103
4	Which chemicals drive biological effects in wastewater and recycled water?. <i>Water Research</i> , 2014, 60, 289-299.	5.3	100
5	Chlorination of Amino Acids: Reaction Pathways and Reaction Rates. <i>Environmental Science &amp; Technology</i> , 2017, 51, 4870-4876.	4.6	80
6	Organic chloramines in drinking water: An assessment of formation, stability, reactivity and risk. <i>Water Research</i> , 2016, 93, 65-73.	5.3	71
7	Analysis of pharmaceuticals in indirect potable reuse systems using solid-phase extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2009, 1216, 5807-5818.	1.8	67
8	Aqueous Nile blue: a simple, versatile and safe reagent for the detection of latent fingerprints. <i>Chemical Communications</i> , 2014, 50, 3341-3343.	2.2	67
9	Trace analysis of environmental matrices by large-volume injection and liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 175-186.	1.9	60
10	ESTROGENIC POTENTIAL OF THE VENICE, ITALY, LAGOON WATERS. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 1874.	2.2	58
11	Fate of nine recycled water trace organic contaminants and metal(loid)s during managed aquifer recharge into an anaerobic aquifer: Column studies. <i>Water Research</i> , 2010, 44, 1471-1481.	5.3	56
12	Rapid analysis of iodinated X-ray contrast media in secondary and tertiary treated wastewater by direct injection liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1213, 200-208.	1.8	55
13	Behaviour and fate of nine recycled water trace organics during managed aquifer recharge in an aerobic aquifer. <i>Journal of Contaminant Hydrology</i> , 2011, 122, 53-62.	1.6	55
14	Formation and Degradation of Beta-casomorphins in Dairy Processing. <i>Critical Reviews in Food Science and Nutrition</i> , 2015, 55, 1955-1967.	5.4	53
15	Formation of halogenated disinfection by-products during microfiltration and reverse osmosis treatment: Implications for water recycling. <i>Separation and Purification Technology</i> , 2013, 104, 221-228.	3.9	46
16	Analysis of free amino acids in natural waters by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1370, 135-146.	1.8	46
17	Effect of membrane character and solution chemistry on microfiltration performance. <i>Water Research</i> , 2008, 42, 743-753.	5.3	43
18	Development of a solid-phase extraction liquid chromatography tandem mass spectrometry method for benzotriazoles and benzothiazoles in wastewater and recycled water. <i>Journal of Chromatography A</i> , 2013, 1299, 48-57.	1.8	42

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19	Transformation of endocrine disrupting chemicals, pharmaceutical and personal care products during drinking water disinfection. <i>Science of the Total Environment</i> , 2019, 657, 1480-1490.	3.9	42
20	Occurrence and Removal of Potentially Toxic Metals and Heavy Metals in the Wastewater Treatment Plant of Fusina (Venice, Italy). <i>Industrial &amp; Engineering Chemistry Research</i> , 2005, 44, 9264-9272.	1.8	39
21	Human metabolites and transformation products of cyclophosphamide and ifosfamide: analysis, occurrence and formation during abiotic treatments. <i>Environmental Science and Pollution Research</i> , 2016, 23, 11209-11223.	2.7	34
22	Determination of natural and synthetic estrogenic compounds in coastal lagoon waters by HPLC-electrospray-mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , 2004, 84, 717-727.	1.8	31
23	A review of the determination of organic compounds in Bayer process liquors. <i>Analytica Chimica Acta</i> , 2011, 689, 8-21.	2.6	30
24	Formation of odorous and hazardous by-products from the chlorination of amino acids. <i>Water Research</i> , 2018, 146, 10-18.	5.3	29
25	Target screening of chemicals of concern in recycled water. <i>Environmental Science: Water Research and Technology</i> , 2015, 1, 659-667.	1.2	27
26	Recycled water: Potential health risks from volatile organic compounds and use of 1,4-dichlorobenzene as treatment performance indicator. <i>Water Research</i> , 2012, 46, 93-106.	5.3	24
27	Application of ultra-high performance liquid chromatography coupled to high-resolution mass spectrometry (Orbitrap <sup>®</sup> , <sup>®</sup> ) for the determination of beta-casein phenotypes in cow milk. <i>Food Chemistry</i> , 2020, 307, 125532.	4.2	23
28	Occurrence of iodinated X-ray contrast media in indirect potable reuse systems. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010, 45, 542-548.	0.9	19
29	Chemicals in reverse osmosis-treated wastewater: occurrence, health risk, and contribution to residual dissolved organic carbon. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2012, 61, 494-505.	0.6	19
30	Isotope dilution liquid chromatography-tandem mass spectrometry for simultaneous identification and quantification of beta-casomorphin 5 and beta-casomorphin 7 in yoghurt. <i>Food Chemistry</i> , 2014, 146, 345-352.	4.2	19
31	Completing a worldwide picture: preliminary evidence of lead exposure in a scavenging bird from mainland Australia. <i>Science of the Total Environment</i> , 2020, 715, 135913.	3.9	19
32	Identification and quantification of native beta-casomorphins in Australian milk by LC-MS/MS and LC-HRMS. <i>Journal of Food Composition and Analysis</i> , 2015, 44, 102-110.	1.9	17
33	Identification and quantification of beta-casomorphin peptides naturally yielded in raw milk by liquid chromatography-tandem mass spectrometry. <i>LWT - Food Science and Technology</i> , 2019, 111, 465-469.	2.5	17
34	Analysis of squalene and its transformation by-products in latent fingerprints by ultrahigh-performance liquid chromatography-high resolution accurate mass Orbitrap <sup>®</sup> , <sup>®</sup> mass spectrometry. <i>Forensic Chemistry</i> , 2020, 17, 100193.	1.7	17
35	Physicochemical Characterization of Organic Matter in Bayer Liquor. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 6544-6553.	1.8	14
36	Analytical and Environmental Chemistry in the Framework of Risk Assessment and Management: The Lagoon of Venice as a Case Study. <i>Chimia</i> , 2003, 57, 542-549.	0.3	13

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37	Determination of human and veterinary antibiotics in indirect potable reuse systems. <i>International Journal of Environmental Analytical Chemistry</i> , 2011, 91, 989-1012.	1.8	12
38	Understanding Hydrogen in Bayer Process Emissions. 3. Hydrogen Production during the Degradation of Polyols in Sodium Hydroxide Solutions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 5572-5581.	1.8	12
39	Determination of amino acids and amines in mammalian decomposition fluid by direct injection liquid chromatography-electrospray ionisation-tandem mass spectrometry. <i>Analytical Methods</i> , 2012, 4, 363-370.	1.3	10
40	Investigations into sampling approaches for chemical analysis of latent fingerprint residue. <i>Forensic Chemistry</i> , 2019, 14, 100166.	1.7	10
41	Degradation of $\beta^2$ -casomorphins and identification of degradation products during yoghurt processing using liquid chromatography coupled with high resolution mass spectrometry. <i>Food Research International</i> , 2018, 106, 98-104.	2.9	8
42	Death cap mushrooms from southern Australia: additions to <i>Amanita</i> (Amanitaceae, Agaricales) section <i>Phalloideae</i> Clade IX. <i>Australian Systematic Botany</i> , 2017, 30, 371.	0.3	7
43	Release of beta-casomorphins during in-vitro gastrointestinal digestion of reconstituted milk after heat treatment. <i>LWT - Food Science and Technology</i> , 2021, 136, 110312.	2.5	6
44	Evaluation of a Commercial Sandwich Enzyme-Linked Immunosorbent Assay for the Quantification of Beta-Casomorphin 7 in Yogurt Using Solid-Phase Extraction Coupled to Liquid Chromatography-Tandem Mass Spectrometry as the "Gold Standard" Method. <i>Journal of AOAC INTERNATIONAL</i> , 2018, 101, 515-519.	0.7	3
45	Chemical removal in waste stabilisation pond systems of varying configuration. <i>Environmental Science: Water Research and Technology</i> , 2021, 7, 1587-1599.	1.2	3
46	Evaluation of interfacial sulfate complexation by a bis-thiourea ionophore at water-organic interfaces using microelectrochemistry and high resolution mass spectrometry. <i>Microchemical Journal</i> , 2017, 131, 36-42.	2.3	0
47	Beta-Casomorphins in Yogurt. , 2017, , 373-386.		0
48	CHAPTER 31. Detection Methods to Monitor the Degradation of Organic Chloramines. Special Publication - Royal Society of Chemistry, 2015, , 267-276.	0.0	0