Francesco Busetti

List of Publications by Year in descending order

		236612	264894
48	1,825	25	42
papers	citations	h-index	g-index

49	49	49	2556
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Release of beta-casomorphins during in-vitro gastrointestinal digestion of reconstituted milk after heat treatment. LWT - Food Science and Technology, 2021, 136, 110312.	2.5	6
2	Chemical removal in waste stabilisation pond systems of varying configuration. Environmental Science: Water Research and Technology, 2021, 7, 1587-1599.	1.2	3
3	Application of ultra-high performance liquid chromatography coupled to high-resolution mass spectrometry (Orbitrapâ„¢) for the determination of beta-casein phenotypes in cow milk. Food Chemistry, 2020, 307, 125532.	4.2	23
4	Analysis of squalene and its transformation by-products in latent fingermarks by ultrahigh-performance liquid chromatography-high resolution accurate mass Orbitrapâ„¢ mass spectrometry. Forensic Chemistry, 2020, 17, 100193.	1.7	17
5	Completing a worldwide picture: preliminary evidence of lead exposure in a scavenging bird from mainland Australia. Science of the Total Environment, 2020, 715, 135913.	3.9	19
6	Identification and quantification of beta-casomorphin peptides naturally yielded in raw milk by liquid chromatography-tandem mass spectrometry. LWT - Food Science and Technology, 2019, 111, 465-469.	2.5	17
7	Investigations into sampling approaches for chemical analysis of latent fingermark residue. Forensic Chemistry, 2019, 14, 100166.	1.7	10
8	Transformation of endocrine disrupting chemicals, pharmaceutical and personal care products during drinking water disinfection. Science of the Total Environment, 2019, 657, 1480-1490.	3.9	42
9	Degradation of Î²-casomorphins and identification of degradation products during yoghurt processing using liquid chromatography coupled with high resolution mass spectrometry. Food Research International, 2018, 106, 98-104.	2.9	8
10	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 â€œGold Standardâ€•Method. Journal of AOAC INTERNATIONAL, 2018, 101, 515-519.	0.7	3
11	Formation of odorous and hazardous by-products from the chlorination of amino acids. Water Research, 2018, 146, 10-18.	5.3	29
12	Organic chloramines in chlorine-based disinfected water systems: A critical review. Journal of Environmental Sciences, 2017, 58, 2-18.	3.2	103
13	Chlorination of Amino Acids: Reaction Pathways and Reaction Rates. Environmental Science & Technology, 2017, 51, 4870-4876.	4.6	80
14	Evaluation of interfacial sulfate complexation by a bis-thiourea ionophore at water-organic interfaces using microelectrochemistry and high resolution mass spectrometry. Microchemical Journal, 2017, 131, 36-42.	2.3	0
15	Beta-Casomorphins in Yogurt. , 2017, , 373-386.		0
16	Death cap mushrooms from southern Australia: additions to Amanita (Amanitaceae, Agaricales) section Phalloideae Clade IX. Australian Systematic Botany, 2017, 30, 371.	0.3	7
17	Roles of singlet oxygen and dissolved organic matter in self-sensitized photo-oxidation of antibiotic norfloxacin under sunlight irradiation. Water Research, 2016, 106, 214-222.	5.3	115
18	Organic chloramines in drinking water: An assessment of formation, stability, reactivity and risk. Water Research, 2016, 93, 65-73.	5.3	71

#	Article	IF	Citations
19	Human metabolites and transformation products of cyclophosphamide and ifosfamide: analysis, occurrence and formation during abiotic treatments. Environmental Science and Pollution Research, 2016, 23, 11209-11223.	2.7	34
20	Target screening of chemicals of concern in recycled water. Environmental Science: Water Research and Technology, 2015, 1, 659-667.	1.2	27
21	Formation and Degradation of Beta-casomorphins in Dairy Processing. Critical Reviews in Food Science and Nutrition, 2015, 55, 1955-1967.	5.4	53
22	Identification and quantification of native beta-casomorphins in Australian milk by LCâ€“MS/MS and LCâ€“HRMS. Journal of Food Composition and Analysis, 2015, 44, 102-110.	1.9	17
23	CHAPTER 31. Detection Methods to Monitor the Degradation of Organic Chloramines. Special Publication - Royal Society of Chemistry, 2015, , 267-276.	0.0	0
24	Isotope dilution liquid chromatographyâ€“tandem mass spectrometry for simultaneous identification and quantification of beta-casomorphin 5 and beta-casomorphin 7 in yoghurt. Food Chemistry, 2014, 146, 345-352.	4.2	19
25	Analysis of free amino acids in natural waters by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2014, 1370, 135-146.	1.8	46
26	Aqueous Nile blue: a simple, versatile and safe reagent for the detection of latent fingermarks. Chemical Communications, 2014, 50, 3341-3343.	2.2	67
27	Physicochemical Characterization of Organic Matter in Bayer Liquor. Industrial & Engineering Chemistry Research, 2014, 53, 6544-6553.	1.8	14
28	Which chemicals drive biological effects in wastewater and recycled water?. Water Research, 2014, 60, 289-299.	5.3	100
29	Development of a solid-phase extraction liquid chromatography tandem mass spectrometry method for benzotriazoles and benzothiazoles in wastewater and recycled water. Journal of Chromatography A, 2013, 1299, 48-57.	1.8	42
30	Formation of halogenated disinfection by-products during microfiltration and reverse osmosis treatment: Implications for water recycling. Separation and Purification Technology, 2013, 104, 221-228.	3.9	46
31	Understanding Hydrogen in Bayer Process Emissions. 3. Hydrogen Production during the Degradation of Polyols in Sodium Hydroxide Solutions. Industrial & Engineering Chemistry Research, 2013, 52, 5572-5581.	1.8	12
32	Determination of amino acids and amines in mammalian decomposition fluid by direct injection liquid chromatography-electrospray ionisation-tandem mass spectrometry. Analytical Methods, 2012, 4, 363-370.	1.3	10
33	Recycled water: Potential health risks from volatile organic compounds and use of 1,4-dichlorobenzene as treatment performance indicator. Water Research, 2012, 46, 93-106.	5.3	24
34	Chemicals in reverse osmosis-treated wastewater: occurrence, health risk, and contribution to residual dissolved organic carbon. Journal of Water Supply: Research and Technology - AQUA, 2012, 61, 494-505.	0.6	19
35	Trace analysis of environmental matrices by large-volume injection and liquid chromatographyâ€“mass spectrometry. Analytical and Bioanalytical Chemistry, 2012, 402, 175-186.	1.9	60
36	Determination of human and veterinary antibiotics in indirect potable reuse systems. International Journal of Environmental Analytical Chemistry, 2011, 91, 989-1012.	1.8	12

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37	Behaviour and fate of nine recycled water trace organics during managed aquifer recharge in an aerobic aquifer. Journal of Contaminant Hydrology, 2011, 122, 53-62.	1.6	55
38	A review of the determination of organic compounds in Bayer process liquors. Analytica Chimica Acta, 2011, 689, 8-21.	2.6	30
39	Occurrence of iodinated X-ray contrast media in indirect potable reuse systems. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2010, 45, 542-548.	0.9	19
40	Fate of nine recycled water trace organic contaminants and metal(loid)s during managed aquifer recharge into a anaerobic aquifer: Column studies. Water Research, 2010, 44, 1471-1481.	5.3	56
41	Analysis of pharmaceuticals in indirect potable reuse systems using solid-phase extraction and liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2009, 1216, 5807-5818.	1.8	67
42	Rapid analysis of iodinated X-ray contrast media in secondary and tertiary treated wastewater by direct injection liquid chromatography-tandem mass spectrometry. Journal of Chromatography A, 2008, 1213, 200-208.	1.8	55
43	Effect of membrane character and solution chemistry on microfiltration performance. Water Research, 2008, 42, 743-753.	5.3	43
44	Determination of sixteen polycyclic aromatic hydrocarbons in aqueous and solid samples from an Italian wastewater treatment plant. Journal of Chromatography A, 2006, 1102, 104-115.	1.8	204
45	Occurrence and Removal of Potentially Toxic Metals and Heavy Metals in the Wastewater Treatment Plant of Fusina (Venice, Italy). Industrial & Engineering Chemistry Research, 2005, 44, 9264-9272.	1.8	39
46	ESTROGENIC POTENTIAL OF THE VENICE, ITALY, LAGOON WATERS. Environmental Toxicology and Chemistry, 2004, 23, 1874.	2.2	58
47	Determination of natural and synthetic estrogenic compounds in coastal lagoon waters by HPLC-electrospray-mass spectrometry. International Journal of Environmental Analytical Chemistry, 2004, 84, 717-727.	1.8	31
48	Analytical and Environmental Chemistry in the Framework of Risk Assessment and Management: The Lagoon of Venice as a Case Study. Chimia, 2003, 57, 542-549.	0.3	13