

# Federica Dal Bello

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,212  
citations

471509

17  
h-index

395702

33  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1967  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated approach for the analysis of neonicotinoids in fruits and food matrices. <i>Food Chemistry</i> , 2022, 372, 131153.	8.2	6
2	Advanced glycation end products and their related signaling cascades in adult survivors of childhood Hodgkin lymphoma: A possible role in the onset of late complications. <i>Free Radical Biology and Medicine</i> , 2022, 178, 76-82.	2.9	7
3	Development and application of high resolution mass spectrometry analytical method to study and identify the photoinduced transformation products of environmental pollutants. <i>Journal of Environmental Management</i> , 2022, 308, 114573.	7.8	5
4	Great Abilities of <i>Shinella zoogloeoides</i> Strain from a Landfarming Soil for Crude Oil Degradation and a Synergy Model for Alginate-Bead-Entrapped Consortium Efficiency. <i>Microorganisms</i> , 2022, 10, 1361.	3.6	2
5	Multi-target detection of egg-white and pig gelatin fining agents in Nebbiolo-based aged red wine by means of nanoHPLC-HRMS. <i>Food Chemistry</i> , 2021, 345, 128822.	8.2	4
6	Targeted and untargeted quantification of quorum sensing signalling molecules in bacterial cultures and biological samples via HPLC-TQ MS techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 853-864.	3.7	5
7	Study of the photoinduced transformations of maprotiline in river water using liquid chromatography high-resolution mass spectrometry. <i>Science of the Total Environment</i> , 2021, 755, 143556.	8.0	7
8	HPLC-HRMS Global Metabolomics Approach for the Diagnosis of "Olive Quick Decline Syndrome" Markers in Olive Trees Leaves. <i>Metabolites</i> , 2021, 11, 40.	2.9	7
9	Effects of High Intakes of Fructose and Galactose, with or without Added Fructooligosaccharides, on Metabolic Factors, Inflammation, and Gut Integrity in a Rat Model. <i>Molecular Nutrition and Food Research</i> , 2021, 65, e2001133.	3.3	10
10	Structural elucidation of bisphenol E and bisphenol S photoinduced by products by high-resolution electrospray ionisation mass spectrometry and tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9039.	1.5	2
11	Study of the photoinduced transformations of sertraline in aqueous media. <i>Science of the Total Environment</i> , 2021, 756, 143805.	8.0	31
12	Analysis of Chemical Biomarkers and Contaminants in Food. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3480.	2.5	0
13	Altered hepatic sphingolipid metabolism in insulin resistant mice: Role of advanced glycation endproducts. <i>Free Radical Biology and Medicine</i> , 2021, 169, 425-435.	2.9	12
14	Investigation of the Aquatic Photolytic and Photocatalytic Degradation of Citalopram. <i>Molecules</i> , 2021, 26, 5331.	3.8	7
15	Elucidation of the photoinduced transformations of Aliskiren in river water using liquid chromatography high-resolution mass spectrometry. <i>Science of the Total Environment</i> , 2021, 800, 149547.	8.0	5
16	Ticagrelor Conditioning Effects Are Not Additive to Cardioprotection Induced by Direct NLRP3 Inflammasome Inhibition: Role of RISK, NLRP3, and Redox Cascades. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	4.0	19
17	Photocatalytic Transformations of 1H-Benzotriazole and Benzotriazole Derivates. <i>Nanomaterials</i> , 2020, 10, 1835.	4.1	7
18	Liquid chromatography/mass spectrometry analytical determination of gabapentin transformation products by heterogeneous photocatalysis and environmental evaluation. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8925.	1.5	1

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19	Nano-HPLC-HRMS Analysis to Evaluate Leptin Level in Milk Samples: A Pilot Study. Applied Sciences (Switzerland), 2020, 10, 6135.	2.5	2
20	Never boring: Non-invasive palaeoproteomics of mummified human skin. Journal of Archaeological Science, 2020, 119, 105145.	2.4	10
21	Gluten contamination of canned and dry grain-free commercial pet foods determined by HPLC-HRMS. Italian Journal of Animal Science, 2020, 19, 253-261.	1.9	6
22	Multi-Analyte MS Based Investigation in Relation to the Illicit Treatment of Fish Products with Hydrogen Peroxide. Toxics, 2020, 8, 2.	3.7	8
23	'Palaeoshellomics'™ reveals the use of freshwater mother-of-pearl in prehistory. ELife, 2019, 8, .	6.0	29
24	Formation of by-products during chemical interesterification of lipids. Detection and characterization of dialkyl ketones by non-aqueous reversed-phase liquid chromatography-high resolution mass spectrometry and gas chromatography-mass spectrometry. Journal of Chromatography A, 2018, 1581-1582, 63-70.	3.7	6
25	Inhalation of the prodrug PI3K inhibitor CL27c improves lung function in asthma and fibrosis. Nature Communications, 2018, 9, 5232.	12.8	86
26	Elevated prenatal anti-Müllerian hormone reprograms the fetus and induces polycystic ovary syndrome in adulthood. Nature Medicine, 2018, 24, 834-846.	30.7	289
27	Characterization and Determination of Interesterification Markers (Triacylglycerol Regioisomers) in Confectionery Oils by Liquid Chromatography-Mass Spectrometry. Foods, 2018, 7, 23.	4.3	13
28	Caviar versus brill eggs: A novel high performance liquid chromatography-mass spectrometry application for evaluating cosmetic ingredients composition. European Journal of Lipid Science and Technology, 2017, 119, 1500471.	1.5	1
29	Chronic administration of saturated fats and fructose differently affect SREBP activity resulting in different modulation of Nrf2 and Nlrp3 inflammasome pathways in mice liver. Journal of Nutritional Biochemistry, 2017, 42, 160-171.	4.2	38
30	Dynamic measurement of newly formed carbonyl compounds in vapors from electronic cigarettes. European Journal of Mass Spectrometry, 2017, 23, 64-69.	1.0	19
31	Alcoholic extracts of Epilobium, Urtica dioica and Evernia prunastri with 5-fluorouracil in controlling murine colon carcinoma cell growth in vitro. Oriental Pharmacy and Experimental Medicine, 2017, 17, 325-336.	1.2	3
32	Antineoplastic drugs determination by HPLC-HRMS to monitor occupational exposure. Drug Testing and Analysis, 2016, 8, 730-737.	2.6	16
33	Mass spectrometric fragmentation and photocatalytic transformation of nicotine and cotinine. Rapid Communications in Mass Spectrometry, 2016, 30, 2617-2627.	1.5	17
34	Fructose-derived advanced glycation end-products drive lipogenesis and skeletal muscle reprogramming via SREBP-1c dysregulation in mice. Free Radical Biology and Medicine, 2016, 91, 224-235.	2.9	52
35	Study of the photochemical transformation of 2-ethylhexyl 4-(dimethylamino)benzoate (OD-PABA) under conditions relevant to surface waters. Water Research, 2016, 88, 235-244.	11.3	17
36	Single-Base Resolution Analysis of 5-Formyl and 5-Carboxyl Cytosine Reveals Promoter DNA Methylation Dynamics. Cell Reports, 2015, 10, 674-683.	6.4	115

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37	Analysis of regioisomers of polyunsaturated triacylglycerols in marine matrices by HPLC/HRMS. Food Chemistry, 2015, 166, 551-560.	8.2	40
38	Rapid high performance liquid chromatography–high resolution mass spectrometry methodology for multiple prenol lipids analysis in zebrafish embryos. Journal of Chromatography A, 2015, 1412, 59-66.	3.7	15
39	Study of the photocatalytic transformation of synephrine: a biogenic amine relevant in anti-doping analysis. Analytical and Bioanalytical Chemistry, 2013, 405, 1105-1113.	3.7	14
40	Chemometric assessment and investigation of mechanism involved in photo-Fenton and TiO <sub>2</sub> photocatalytic degradation of the artificial sweetener sucralose in aqueous media. Applied Catalysis B: Environmental, 2013, 129, 71-79.	20.2	40
41	Qualitative Characterization of <i>Desmodium Adscendens</i> Constituents by High-Performance Liquid Chromatography-Diode Array Ultraviolet-Electrospray Ionization Multistage Mass Spectrometry. European Journal of Mass Spectrometry, 2013, 19, 1-15.	1.0	12
42	Identification of the unknown transformation products derived from lincomycin using LC–HRMS technique. Journal of Mass Spectrometry, 2012, 47, 751-759.	1.6	29
43	Effect of cooking method on carnosine and its homologues, pentosidine and thiobarbituric acid-reactive substance contents in beef and turkey meat. Food Chemistry, 2012, 132, 80-85.	8.2	64
44	Nuclear factor erythroid 2-related factor-2 activity controls 4-hydroxynonenal metabolism and activity in prostate cancer cells. Free Radical Biology and Medicine, 2011, 51, 1610-1618.	2.9	26
45	Horse metabolism and the photocatalytic process as a tool to identify metabolic products formed from dopant substances: the case of sildenafil. Drug Testing and Analysis, 2011, 3, 724-734.	2.6	17
46	Multiple unknown degradants generated from the insect repellent DEET by photoinduced processes on TiO <sub>2</sub> . Journal of Mass Spectrometry, 2011, 46, 24-40.	1.6	30
47	ESI HRMSn fragmentation pathways of phenazone, an N-heterocyclic drug compound. Journal of Mass Spectrometry, 2011, 46, 782-786.	1.6	3
48	HPLC–APCI analysis of triacylglycerols in milk fat from different sources. European Journal of Lipid Science and Technology, 2011, 113, 197-207.	1.5	58