

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	Elevated prenatal anti-Müllerian hormone reprograms the fetus and induces polycystic ovary syndrome in adulthood. <i>Nature Medicine</i> , 2018, 24, 834-846.	30.7	289
2	Single-Base Resolution Analysis of 5-Formyl and 5-Carboxyl Cytosine Reveals Promoter DNA Methylation Dynamics. <i>Cell Reports</i> , 2015, 10, 674-683.	6.4	115
3	Inhalation of the prodrug PI3K inhibitor CL27c improves lung function in asthma and fibrosis. <i>Nature Communications</i> , 2018, 9, 5232.	12.8	86
4	Effect of cooking method on carnosine and its homologues, pentosidine and thiobarbituric acid-reactive substance contents in beef and turkey meat. <i>Food Chemistry</i> , 2012, 132, 80-85.	8.2	64
5	HPLC-APCI analysis of triacylglycerols in milk fat from different sources. <i>European Journal of Lipid Science and Technology</i> , 2011, 113, 197-207.	1.5	58
6	Fructose-derived advanced glycation end-products drive lipogenesis and skeletal muscle reprogramming via SREBP-1c dysregulation in mice. <i>Free Radical Biology and Medicine</i> , 2016, 91, 224-235.	2.9	52
7	Chemometric assessment and investigation of mechanism involved in photo-Fenton and TiO ₂ photocatalytic degradation of the artificial sweetener sucralose in aqueous media. <i>Applied Catalysis B: Environmental</i> , 2013, 129, 71-79.	20.2	40
8	Analysis of regioisomers of polyunsaturated triacylglycerols in marine matrices by HPLC/HRMS. <i>Food Chemistry</i> , 2015, 166, 551-560.	8.2	40
9	Chronic administration of saturated fats and fructose differently affect SREBP activity resulting in different modulation of Nrf2 and Nlrp3 inflammasome pathways in mice liver. <i>Journal of Nutritional Biochemistry</i> , 2017, 42, 160-171.	4.2	38
10	Study of the photoinduced transformations of sertraline in aqueous media. <i>Science of the Total Environment</i> , 2021, 756, 143805.	8.0	31
11	Multiple unknown degradants generated from the insect repellent DEET by photoinduced processes on TiO ₂ . <i>Journal of Mass Spectrometry</i> , 2011, 46, 24-40.	1.6	30
12	Identification of the unknown transformation products derived from lincomycin using LC-HRMS technique. <i>Journal of Mass Spectrometry</i> , 2012, 47, 751-759.	1.6	29
13	'Palaeoshellomics'™ reveals the use of freshwater mother-of-pearl in prehistory. <i>ELife</i> , 2019, 8, .	6.0	29
14	Nuclear factor erythroid 2-related factor-2 activity controls 4-hydroxynonenal metabolism and activity in prostate cancer cells. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1610-1618.	2.9	26
15	Dynamic measurement of newly formed carbonyl compounds in vapors from electronic cigarettes. <i>European Journal of Mass Spectrometry</i> , 2017, 23, 64-69.	1.0	19
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	Horse metabolism and the photocatalytic process as a tool to identify metabolic products formed from dopant substances: the case of sildenafil. <i>Drug Testing and Analysis</i> , 2011, 3, 724-734.	2.6	17
18	Mass spectrometric fragmentation and photocatalytic transformation of nicotine and cotinine. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 2617-2627.	1.5	17

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19	Study of the photochemical transformation of 2-ethylhexyl 4-(dimethylamino)benzoate (OD-PABA) under conditions relevant to surface waters. <i>Water Research</i> , 2016, 88, 235-244.	11.3	17
20	Antineoplastic drugs determination by HPLC-HRMS to monitor occupational exposure. <i>Drug Testing and Analysis</i> , 2016, 8, 730-737.	2.6	16
21	Rapid high performance liquid chromatography-high resolution mass spectrometry methodology for multiple prenol lipids analysis in zebrafish embryos. <i>Journal of Chromatography A</i> , 2015, 1412, 59-66.	3.7	15
22	Study of the photocatalytic transformation of synephrine: a biogenic amine relevant in anti-doping analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 1105-1113.	3.7	14
23	Characterization and Determination of Interesterification Markers (Triacylglycerol Regioisomers) in Confectionery Oils by Liquid Chromatography-Mass Spectrometry. <i>Foods</i> , 2018, 7, 23.	4.3	13
24	Qualitative Characterization of <i>Desmodium Adscendens</i> Constituents by High-Performance Liquid Chromatography-Diode Array Ultraviolet-Electrospray Ionization Multistage Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2013, 19, 1-15.	1.0	12
25	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
26	Never boring: Non-invasive palaeoproteomics of mummified human skin. <i>Journal of Archaeological Science</i> , 2020, 119, 105145.	2.4	10
27	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
28	Multi-Analyte MS Based Investigation in Relation to the Illicit Treatment of Fish Products with Hydrogen Peroxide. <i>Toxics</i> , 2020, 8, 2.	3.7	8
29	Photocatalytic Transformations of 1H-Benzotriazole and Benzotriazole Derivates. <i>Nanomaterials</i> , 2020, 10, 1835.	4.1	7
30	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
31	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
32	Investigation of the Aquatic Photolytic and Photocatalytic Degradation of Citalopram. <i>Molecules</i> , 2021, 26, 5331.	3.8	7
33	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
34	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. <i>Journal of Chromatography A</i> , 2018, 1581-1582, 63-70.	3.7	6
35	Gluten contamination of canned and dry grain-free commercial pet foods determined by HPLC-HRMS. <i>Italian Journal of Animal Science</i> , 2020, 19, 253-261.	1.9	6
36	Integrated approach for the analysis of neonicotinoids in fruits and food matrices. <i>Food Chemistry</i> , 2022, 372, 131153.	8.2	6

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37	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
38	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
39	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
40	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
41	ESI HRMSn fragmentation pathways of phenazone, an N-heterocyclic drug compound. <i>Journal of Mass Spectrometry</i> , 2011, 46, 782-786.	1.6	3
42	Alcoholic extracts of <i>Epilobium</i> , <i>Urtica dioica</i> and <i>Evernia prunastri</i> with 5-fluorouracil in controlling murine colon carcinoma cell growth in vitro. <i>Oriental Pharmacy and Experimental Medicine</i> , 2017, 17, 325-336.	1.2	3
43	Nano-HPLC-HRMS Analysis to Evaluate Leptin Level in Milk Samples: A Pilot Study. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6135.	2.5	2
44	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
45	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
46	Caviar versus brill eggs: A novel high performance liquid chromatography-mass spectrometry application for evaluating cosmetic ingredients composition. <i>European Journal of Lipid Science and Technology</i> , 2017, 119, 1500471.	1.5	1
47	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
48	Analysis of Chemical Biomarkers and Contaminants in Food. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3480.	2.5	0