

Roberta Galarini

List of Publications by Year in descending order

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94
papers

2,627
citations

186265

28
h-index

214800

47
g-index

97
all docs

97
docs citations

97
times ranked

3004
citing authors

#	ARTICLE	IF	CITATIONS
1	Anakinra restores cellular proteostasis by coupling mitochondrial redox balance to autophagy. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	7
2	Investigation on chlorogenic acid stability in aqueous solution after microwave treatment. <i>Food Chemistry</i> , 2022, 374, 131820.	8.2	11
3	In-depth characterization of phenolic profiling of Moraiolo extra-virgin olive oil extract and initial investigation of the inhibitory effect on Indoleamine-2,3-Dioxygenase (IDO1) enzyme. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 213, 114688.	2.8	3
4	Two-procedure approach for multiclass determination of 64 antibiotics in honey using liquid chromatography coupled to time-of-flight mass spectrometry. <i>Food Control</i> , 2022, 136, 108893.	5.5	4
5	BFRs (PBDEs and HBCDs) in freshwater species from Lake Trasimeno (Italy): The singular case of HBCDs in red swamp crayfish. <i>Science of the Total Environment</i> , 2021, 758, 143585.	8.0	19
6	Effects of Olive Mill Vegetation Water Phenol Metabolites Transferred to Muscle through Animal Diet on Rabbit Meat Microbial Quality. <i>Sustainability</i> , 2021, 13, 4522.	3.2	11
7	Enteric formulated indole-3-carboxaldehyde targets the aryl hydrocarbon receptor for protection in a murine model of metabolic syndrome. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120610.	5.2	22
8	Effects of Dietary Polyphenols from Olive Mill Waste Waters on Inflammatory and Apoptotic Effectors in Rabbit Ovary. <i>Animals</i> , 2021, 11, 1727.	2.3	8
9	3-hydroxy-L-tryptophan is an immunomodulatory biogenic amine. <i>Nature Communications</i> , 2021, 12, 4447.	12.8	30
10	Development and validation of a multiclass confirmatory method for the determination of over 60 antibiotics in eggs using liquid-chromatography high-resolution mass spectrometry. <i>Food Control</i> , 2021, 127, 108109.	5.5	6
11	Pre-analytical monitoring and protection of oxidizable lipids in human plasma (vitamin E and α -tocopherol). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1186, 123009.	2.9	5
12	Alpha-Tocopherol Metabolites (The Vitamin E Metabolome) and Their Interindividual Variability during Supplementation. <i>Antioxidants</i> , 2021, 10, 173.	5.1	24
13	Perfluoroalkyl and polyfluoroalkyl substances (PFASs): An optimized LC-MS/MS procedure for feed analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1186, 123009.	2.3	5
14	Vitamin E: metabolism and molecular aspects. , 2020, , 487-518.		5
15	Optimized one-pot derivatization and enantioseparation of cysteine: Application to the study of a dietary supplement. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 180, 113066.	2.8	7
16	Liquid chromatography separation of Δ^7 - and Δ^8 -linolenic acid positional isomers with a stationary phase based on covalently immobilized cellulose tris(3,5-dichlorophenylcarbamate). <i>Journal of Chromatography A</i> , 2020, 1609, 460461.	3.7	20
17	Determination of coeluted isomers in wine samples by application of MS/MS deconvolution analysis. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4607.	1.6	8
18	Investigation of the Correlation between the Use of Antibiotics in Aquaculture Systems and Their Detection in Aquatic Environments: A Case Study of the Nera River Aquafarms in Italy. <i>Sustainability</i> , 2020, 12, 5176.	3.2	14

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19	Practical approach to develop a multi- α -group screening method for detection of mycotoxins, pesticides and veterinary drugs in food. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4618.	1.6	6
20	A liquid chromatography-high resolution mass spectrometry method for the determination of thirty-three per- and polyfluoroalkyl substances in animal liver. <i>Journal of Chromatography A</i> , 2020, 1628, 461310.	3.7	17
21	Dietary Supplementation with Olive Mill Wastewater in Dairy Sheep: Evaluation of Cheese Characteristics and Presence of Bioactive Molecules. <i>Animals</i> , 2020, 10, 1941.	2.3	11
22	LC-MS/MS analyses of bile and histological analyses of thymus as diagnostic tools to detect low dose dexamethasone illicit treatment in beef cattle at slaughterhouse. <i>Steroids</i> , 2020, 160, 108671.	1.8	4
23	Integrating experimental and computational techniques to study chromatographic enantioresolutions of chiral tetrahydroindazole derivatives. <i>Journal of Chromatography A</i> , 2020, 1625, 461310.	3.7	3
24	Anthelmintic Efficacy and Pharmacokinetics of Ivermectin Paste after Oral Administration in Mules Infected by Cyathostomins. <i>Animals</i> , 2020, 10, 934.	2.3	2
25	Transfer of a Multiclass Method for over 60 Antibiotics in Food from High Resolution to Low Resolution Mass Spectrometry. <i>Molecules</i> , 2019, 24, 2935.	3.8	7
26	Identification and quantification of new isomers of isopropyl-malic acid in wine by LC-IT and LC-Q-Orbitrap. <i>Food Chemistry</i> , 2019, 294, 390-396.	8.2	15
27	Application of the α -inverted chirality columns approach for the monitoring of asymmetric synthesis protocols. <i>Talanta</i> , 2019, 203, 147-152.	5.5	8
28	LC-MS/MS assay for the simultaneous determination of tocopherols, polyunsaturated fatty acids and their metabolites in human plasma and serum. <i>Free Radical Biology and Medicine</i> , 2019, 144, 134-143.	2.9	19
29	Enantioselective high-performance liquid chromatography analysis of oxygenated polyunsaturated fatty acids. <i>Free Radical Biology and Medicine</i> , 2019, 144, 35-54.	2.9	24
30	Nutritional and lipidomics biomarkers of docosahexaenoic acid-based multivitamin therapy in pediatric NASH. <i>Scientific Reports</i> , 2019, 9, 2045.	3.3	51
31	Increased plasma levels of the lipoperoxyl radical-derived vitamin E metabolite α -tocopheryl quinone are an early indicator of lipotoxicity in fatty liver subjects. <i>Free Radical Biology and Medicine</i> , 2019, 131, 115-125.	2.9	30
32	Antimicrobial and anti-biofilm activity of olive oil by-products against <i>Campylobacter</i> spp. isolated from chicken meat [pdf]. <i>Acta Scientiarum Polonorum, Technologia Alimentaria</i> , 2019, 18, 43-52.	0.3	7
33	Multiclass methods for the analysis of antibiotic residues in milk by liquid chromatography coupled to mass spectrometry: A review. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 241-257.	2.3	54
34	A GC-EI-MS/MS Method for the Determination of 15 Polybrominated Diphenyl Ethers (PBDEs) in Fish and Shellfish Tissues. <i>Food Analytical Methods</i> , 2018, 11, 355-366.	2.6	16
35	Distribution of Transferable Antibiotic Resistance Genes in Laboratory-Reared Edible Mealworms (<i>Tenebrio molitor</i> L.). <i>Frontiers in Microbiology</i> , 2018, 9, 2702.	3.5	28
36	Vitamin E metabolism and its putative role as fat-soluble antioxidant in the redox-lipidomics era. <i>Free Radical Biology and Medicine</i> , 2018, 120, S128.	2.9	0

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37	Improved chromatographic diastereoresolution of cyclopropyl dafachronic acid derivatives using chiral anion exchangers. <i>Journal of Chromatography A</i> , 2018, 1557, 20-27.	3.7	12
38	Simultaneous determination of aminoglycosides and colistins in food. <i>Food Chemistry</i> , 2018, 266, 9-16.	8.2	35
39	Multiclass screening method to detect more than fifty banned substances in bovine bile and urine. <i>Analytica Chimica Acta</i> , 2018, 1032, 56-67.	5.4	16
40	Hydrophilic interaction liquid chromatography of aminoglycoside antibiotics with a diol-type stationary phase. <i>Analytica Chimica Acta</i> , 2018, 1044, 174-180.	5.4	15
41	Abuse of anabolic agents in beef cattle: Could bile be a possible alternative matrix?. <i>Food Chemistry</i> , 2017, 229, 188-197.	8.2	11
42	Evaluation of a QuEChERS-like extraction approach for the determination of PBDEs in mussels by immuno-assay-based screening methods. <i>Talanta</i> , 2017, 170, 540-545.	5.5	6
43	Determination of tocopherols and their metabolites by liquid-chromatography coupled with tandem mass spectrometry in human plasma and serum. <i>Talanta</i> , 2017, 170, 552-561.	5.5	38
44	Nonalcoholic fatty liver disease impairs the cytochrome P-450-dependent metabolism of Î±-tocopherol (vitamin E). <i>Journal of Nutritional Biochemistry</i> , 2017, 47, 120-131.	4.2	40
45	CYP4F2 repression and a modified alpha-tocopherol (vitamin E) metabolism are two independent consequences of ethanol toxicity in human hepatocytes. <i>Toxicology in Vitro</i> , 2017, 40, 124-133.	2.4	10
46	Alpha-(13â€²-hydroxy)-6-hydroxychroman, the main product of alpha-tocopherol metabolism in human hepatocytes, regulates CYP4F2 and PPAR-Î³ expression. <i>Free Radical Biology and Medicine</i> , 2017, 108, S16.	2.9	1
47	A quantitative LC-MS/MS method for the measurement of tocopherols, polyunsaturated fatty acids and their metabolites in human plasma and serum. <i>Free Radical Biology and Medicine</i> , 2017, 108, S105.	2.9	0
48	Oxidative Status and Presence of Bioactive Compounds in Meat from Chickens Fed Polyphenols Extracted from Olive Oil Industry Waste. <i>Sustainability</i> , 2017, 9, 1566.	3.2	49
49	Dietary Administration of Olive Mill Wastewater Extract Reduces <i>Campylobacter</i> spp. Prevalence in Broiler Chickens. <i>Sustainability</i> , 2016, 8, 837.	3.2	22
50	Analytical and molecular insights in the cytochrome P450 metabolism of vitamin E and lipotoxicity mechanisms of non-alcoholic fatty liver. <i>Free Radical Biology and Medicine</i> , 2016, 96, S60-S61.	2.9	2
51	Flexible Method for Analysis of Lidocaine and Its Metabolite in Biological Fluids. <i>Journal of Chromatographic Science</i> , 2016, 54, 1193-1200.	1.4	7
52	Multiclass method for the determination of 62 antibiotics in milk. <i>Journal of Mass Spectrometry</i> , 2016, 51, 792-804.	1.6	39
53	Analytical strategies to assess the functional metabolome of vitamin E. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 399-412.	2.8	38
54	Screening and confirmatory method for multiclass determination of 62 antibiotics in meat. <i>Journal of Chromatography A</i> , 2016, 1429, 175-188.	3.7	43

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55	Intra-articular administration of lidocaine plus adrenaline in dogs: Pharmacokinetic profile and evaluation of toxicity in vivo and in vitro. <i>Veterinary Journal</i> , 2016, 208, 70-75.	1.7	13
56	Polybrominated diphenyl ethers in mussels (<i>Mytilus galloprovincialis</i>) collected from Central Adriatic Sea. <i>Marine Pollution Bulletin</i> , 2015, 101, 417-421.	5.0	13
57	Multiclass determination of 27 antibiotics in honey. <i>Food Control</i> , 2015, 48, 12-24.	5.5	63
58	Development and validation of a new qualitative ELISA screening for multiresidue detection of sulfonamides in food and feed. <i>Food Control</i> , 2014, 35, 300-310.	5.5	61
59	High-throughput histamine analysis approach in an official control laboratory: Analytical methods and four years fish products results. <i>Food Chemistry</i> , 2014, 153, 437-443.	8.2	12
60	Development and Validation of a Multiresidue Liquid Chromatography/Tandem Mass Spectrometry Method for 11 Coccidiostats in Feed. <i>Journal of AOAC INTERNATIONAL</i> , 2013, 96, 1245-1257.	1.5	16
61	Determination of macrocyclic lactones in food and feed. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 1068-1079.	2.3	19
62	Analytical investigations about the presence of prednisolone in cow urine. <i>Journal of Mass Spectrometry</i> , 2012, 47, 1221-1231.	1.6	3
63	Development, validation and data quality assurance of screening methods: A case study. <i>Analytica Chimica Acta</i> , 2011, 700, 2-10.	5.4	16
64	Development and validation of a multi-residue liquid chromatography-tandem mass spectrometry confirmatory method for eleven coccidiostats in eggs. <i>Analytica Chimica Acta</i> , 2011, 700, 167-176.	5.4	42
65	Comparison of two different isolation methods of benzimidazoles and their metabolites in the bovine liver by solid-phase extraction and liquid chromatography-diode array detection. <i>Journal of Chromatography A</i> , 2010, 1217, 1779-1785.	3.7	20
66	Validation of an enzyme-linked immunosorbent assay screening for quinolones in egg, poultry muscle and feed samples. <i>Analytica Chimica Acta</i> , 2009, 637, 273-278.	5.4	32
67	Simultaneous determination of eleven quinolones in animal feed by liquid chromatography with fluorescence and ultraviolet absorbance detection. <i>Journal of Chromatography A</i> , 2009, 1216, 8158-8164.	3.7	49
68	Development and validation of a confirmatory method for the determination of sulphonamides in milk by liquid chromatography with diode array detection. <i>Analytica Chimica Acta</i> , 2009, 637, 18-23.	5.4	43
69	A confirmatory method for the determination of tetracyclines in muscle using high-performance liquid chromatography with diode-array detection. <i>Analytica Chimica Acta</i> , 2009, 637, 40-46.	5.4	39
70	Heavy metal contamination and antioxidant response of a freshwater bryozoan (<i>Lophopus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 T	6.0	45
71	A confirmatory method for detection of a banned substance: The validation experience of a routine EU laboratory. <i>Analytica Chimica Acta</i> , 2007, 586, 130-136.	5.4	10
72	Comparison of Organochlorine Pesticides, PCBs, and Heavy Metal Contamination and of Detoxifying Response in Tissues of <i>Ameiurus melas</i> from Corbara, Alviano, and Trasimeno Lakes, Italy. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007, 78, 463-468.	2.7	17

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73	Estimation of uncertainty for the determination of mercury in food by CVAAS. Accreditation and Quality Assurance, 2006, 11, 17-22.	0.8	8
74	Estimation of measurement uncertainty for the determination of aflatoxin M1 in milk using immunoaffinity clean-up procedures. Accreditation and Quality Assurance, 2006, 11, 10-16.	0.8	4
75	Validation of the Volhard method for chloride determination in food. Accreditation and Quality Assurance, 2006, 11, 23-28.	0.8	17
76	Bioaccumulation of Heavy Metals, Organochlorine Pesticides, and Detoxication Biochemical Indexes in Tissues of <i>Ictalurus melas</i> of Lake Trasimeno. Bulletin of Environmental Contamination and Toxicology, 2006, 76, 132-139.	2.7	23
77	Sulfonamides residues analysis: evaluation of results dispersion at maximum residual limit by the expanded uncertainty and 2002/657/EC decision limit approaches. Analytica Chimica Acta, 2005, 529, 15-20.	5.4	13
78	ELISA qualitative screening of chloramphenicol in muscle, eggs, honey and milk: method validation according to the Commission Decision 2002/657/EC criteria. Analytica Chimica Acta, 2005, 535, 43-48.	5.4	83
79	Polychlorinated biphenyls and antioxidant enzymes in liver of <i>Cyprinus carpio</i> from Lake Trasimeno. Italian Journal of Zoology, 2005, 72, 1-7.	0.6	5
80	Validation of a confirmatory method for the determination of sulphonamides in muscle according to the European Union regulation 2002/657/EC. Journal of Chromatography A, 2004, 1032, 23-29.	3.7	69
81	Simultaneous determination of 13 quinolones from feeds using accelerated solvent extraction and liquid chromatography. Analytica Chimica Acta, 2003, 483, 81-89.	5.4	94
82	Antioxidant responses and bioaccumulation in <i>Ictalurus melas</i> under mercury exposure. Ecotoxicology and Environmental Safety, 2003, 55, 162-167.	6.0	318
83	A SPME-GC-MS approach for antivarroa and pesticide residues analysis in honey. Chromatographia, 2001, 54, 241-246.	1.3	27
84	Clinical and pharmacological profile in a clenbuterol epidemic poisoning of contaminated beef meat in Italy. Toxicology Letters, 2000, 114, 47-53.	0.8	245
85	Expeditious Synthesis of Substituted 2-Thiazolin-4-ones by One-Pot Reaction of Some Conjugated Azoalkenes with Thioamides. Synthesis, 1995, 1995, 1397-1400.	2.3	18
86	Reactions of 3-carbomethoxy-2-aza-1,3-butadiene derivatives with dienophiles. Tetrahedron, 1994, 50, 12375-12394.	1.9	19
87	Synthesis and characterization of alkyl-substituted poly(thiophene-2,5-diylvinylene)s. Polymer, 1993, 34, 4150-4155.	3.8	11
88	Nucleophilic attack at the central allyl carbon atom in $[(\eta^3\text{-allyl})\text{ML}_2]^+$ complexes (M = palladium,) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	2.3	46
89	Reaction of allyl acetates and ketene silyl acetals catalyzed by palladium(0) complexes Part II. Cyclopropanation vs. allylic alkylation. Journal of Molecular Catalysis, 1992, 72, 19-27.	1.2	25
90	Asymmetric synthesis of alkyl 2-arylalkanoates by cross-coupling reactions catalyzed by Pd complexes. Journal of Molecular Catalysis, 1992, 72, L11-L13.	1.2	34

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91	A new synthetic route to polyheteroarene-diylvinylenes. Journal of the Chemical Society Chemical Communications, 1991, , 364.	2.0	34
92	Platinacyclobutane complexes from nucleophilic attack at a coordinated allyl group and catalytic formation of cyclopropanes in the presence of platinum complexes. Organometallics, 1991, 10, 3956-3958.	2.3	29
93	Stereoselective synthesis of 3-(ethoxycarbonyl)-4-hydroxy-5-(1-hydroxyalkyl)-2-isoxazoline 2-oxides by reaction of 2,3-epoxy aldehydes and ethyl nitroacetate on alumina surface. Journal of Organic Chemistry, 1990, 55, 781-783.	3.2	72
94	Residue Determination in Honey. , 0, , .		7