

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	Antioxidant responses and bioaccumulation in <i>Ictalurus melas</i> under mercury exposure. <i>Ecotoxicology and Environmental Safety</i> , 2003, 55, 162-167.	6.0	318
2	Clinical and pharmacological profile in a clenbuterol epidemic poisoning of contaminated beef meat in Italy. <i>Toxicology Letters</i> , 2000, 114, 47-53.	0.8	245
3	Simultaneous determination of 13 quinolones from feeds using accelerated solvent extraction and liquid chromatography. <i>Analytica Chimica Acta</i> , 2003, 483, 81-89.	5.4	94
4	ELISA qualitative screening of chloramphenicol in muscle, eggs, honey and milk: method validation according to the Commission Decision 2002/657/EC criteria. <i>Analytica Chimica Acta</i> , 2005, 535, 43-48.	5.4	83
5	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. <i>Journal of Organic Chemistry</i> , 1990, 55, 781-783.	3.2	72
6	Validation of a confirmatory method for the determination of sulphonamides in muscle according to the European Union regulation 2002/657/EC. <i>Journal of Chromatography A</i> , 2004, 1032, 23-29.	3.7	69
7	Multiclass determination of 27 antibiotics in honey. <i>Food Control</i> , 2015, 48, 12-24.	5.5	63
8	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
9	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
10	Nutritional and lipidomics biomarkers of docosahexaenoic acid-based multivitamin therapy in pediatric NASH. <i>Scientific Reports</i> , 2019, 9, 2045.	3.3	51
11	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
12	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
13	Nucleophilic attack at the central allyl carbon atom in [(eta.3-allyl)ML2] ⁺ complexes (M = palladium,) <i>Tj ETQq1 1 0,784314 rgBT /Over</i>	2.3	46
14	Heavy metal contamination and antioxidant response of a freshwater bryozoan (<i>Lophopus</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T</i>	6.0	45
15	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
16	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
17	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
18	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

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19	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
20	Multiclass method for the determination of 62 antibiotics in milk. <i>Journal of Mass Spectrometry</i> , 2016, 51, 792-804.	1.6	39
21	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
22	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
23	Simultaneous determination of aminoglycosides and colistins in food. <i>Food Chemistry</i> , 2018, 266, 9-16.	8.2	35
24	A new synthetic route to polyheteroarene-divinylenes. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 364.	2.0	34
25	Asymmetric synthesis of alkyl 2-arylalkanoates by cross-coupling reactions catalyzed by Pd complexes. <i>Journal of Molecular Catalysis</i> , 1992, 72, L11-L13.	1.2	34
26	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
27	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
28	3-hydroxy-L-kynurenamine is an immunomodulatory biogenic amine. <i>Nature Communications</i> , 2021, 12, 4447.	12.8	30
29	Platinacyclobutane complexes from nucleophilic attack at a coordinated allyl group and catalytic formation of cyclopropanes in the presence of platinum complexes. <i>Organometallics</i> , 1991, 10, 3956-3958.	2.3	29
30	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
31	A SPME-GC-MS approach for antivarroa and pesticide residues analysis in honey. <i>Chromatographia</i> , 2001, 54, 241-246.	1.3	27
32	Reaction of allyl acetates and ketene silyl acetals catalyzed by palladium(0) complexes Part II. Cyclopropanation vs. allylic alkylation. <i>Journal of Molecular Catalysis</i> , 1992, 72, 19-27.	1.2	25
33	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
34	Alpha-Tocopherol Metabolites (The Vitamin E Metabolome) and Their Interindividual Variability during Supplementation. <i>Antioxidants</i> , 2021, 10, 173.	5.1	24
35	Bioaccumulation of Heavy Metals, Organochlorine Pesticides, and Detoxication Biochemical Indexes in Tissues of <i>Ictalurus melas</i> of Lake Trasimeno. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2006, 76, 132-139.	2.7	23
36	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

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37	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
38	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
39	Liquid chromatography separation of $\hat{1}\pm$ - and $\hat{1}^3$ -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
40	Reactions of 3-carbomethoxy-2-aza-1,3-butadiene derivatives with dienophiles. <i>Tetrahedron</i> , 1994, 50, 12375-12394.	1.9	19
41	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
42	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
43	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
44	Expeditious Synthesis of Substituted 2-Thiazolin-4-ones by One-Pot Reaction of Some Conjugated Azoalkenes with Thioamides. <i>Synthesis</i> , 1995, 1995, 1397-1400.	2.3	18
45	Validation of the Volhard method for chloride determination in food. <i>Accreditation and Quality Assurance</i> , 2006, 11, 23-28.	0.8	17
46	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
47	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, 461442.	3.7	17
48	Development, validation and data quality assurance of screening methods: A case study. <i>Analytica Chimica Acta</i> , 2011, 700, 2-10.	5.4	16
49	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
50	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
51	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
52	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
53	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
54	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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55	Sulfonamides residues analysis: evaluation of results dispersion at maximum residual limit by the expanded uncertainty and 2002/657/EC decision limit approaches. <i>Analytica Chimica Acta</i> , 2005, 529, 15-20.	5.4	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	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
58	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
59	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
60	Synthesis and characterization of alkyl-substituted poly(thiophene-2,5-diylvinylene)s. <i>Polymer</i> , 1993, 34, 4150-4155.	3.8	11
61	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
62	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
63	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
64	Investigation on chlorogenic acid stability in aqueous solution after microwave treatment. <i>Food Chemistry</i> , 2022, 374, 131820.	8.2	11
65	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
66	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
67	Estimation of uncertainty for the determination of mercury in food by CVAAS. <i>Accreditation and Quality Assurance</i> , 2006, 11, 17-22.	0.8	8
68	Application of the "inverted chirality columns approach" for the monitoring of asymmetric synthesis protocols. <i>Talanta</i> , 2019, 203, 147-152.	5.5	8
69	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
70	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
71	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
72	Residue Determination in Honey. , 0, , .		7

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73	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
74	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
75	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
76	Anakinra restores cellular proteostasis by coupling mitochondrial redox balance to autophagy. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	7
77	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
78	Practical approach to develop a multi-€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
79	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
80	Polychlorinated biphenyls and antioxidant enzymes in liver of <i>Cyprinus carpio</i> from Lake Trasimeno. <i>Italian Journal of Zoology</i> , 2005, 72, 1-7.	0.6	5
81	Vitamin E: metabolism and molecular aspects. , 2020, , 487-518.		5
82	Pre-analytical monitoring and protection of oxidizable lipids in human plasma (vitamin E and α -tocopherol and γ -tocopherol) <i>Tj ETQq0 0 0 rgBT /Ove</i> 142-148.	2.9	5
83	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
84	Estimation of measurement uncertainty for the determination of aflatoxin M1 in milk using immunoaffinity clean-up procedures. <i>Accreditation and Quality Assurance</i> , 2006, 11, 10-16.	0.8	4
85	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
86	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
87	Analytical investigations about the presence of prednisolone in cow urine. <i>Journal of Mass Spectrometry</i> , 2012, 47, 1221-1231.	1.6	3
88	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
89	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
90	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

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91	Anthelmintic Efficacy and Pharmacokinetics of Ivermectin Paste after Oral Administration in Mules Infected by Cyathostomins. <i>Animals</i> , 2020, 10, 934.	2.3	2
92	Alpha-(13 ¹³ -hydroxy)-6-hydroxychroman, the main product of alpha-tocopherol metabolism in human hepatocytes, regulates CYP4F2 and PPAR- β expression. <i>Free Radical Biology and Medicine</i> , 2017, 108, S16.	2.9	1
93	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
94	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