

Martin Danaher

List of Publications by Year in descending order

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101
papers

2,945
citations

159358

30
h-index

197535

49
g-index

104
all docs

104
docs citations

104
times ranked

2907
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of methodology for the determination of benzimidazole residues in biological matrices. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 845, 1-37.	1.2	174
2	Current trends in sample preparation for growth promoter and veterinary drug residue analysis. <i>Journal of Chromatography A</i> , 2009, 1216, 7977-8015.	1.8	166
3	New method for the analysis of flukicide and other anthelmintic residues in bovine milk and liver using liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2009, 637, 196-207.	2.6	162
4	Determination of anthelmintic drug residues in milk using ultra high performance liquid chromatography-tandem mass spectrometry with rapid polarity switching. <i>Journal of Chromatography A</i> , 2010, 1217, 4612-4622.	1.8	149
5	Review of methodology for the determination of macrocyclic lactone residues in biological matrices. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 844, 175-203.	1.2	107
6	A review of coccidiostats and the analysis of their residues in meat and other food. <i>Meat Science</i> , 2014, 97, 358-374.	2.7	102
7	Detection of pyrrolizidine alkaloids in commercial honey using liquid chromatography-ion trap mass spectrometry. <i>Food Chemistry</i> , 2013, 136, 1577-1583.	4.2	81
8	Urease and Nitrification Inhibitors-As Mitigation Tools for Greenhouse Gas Emissions in Sustainable Dairy Systems: A Review. <i>Sustainability</i> , 2020, 12, 6018.	1.6	71
9	Developments in the production of biological and synthetic binders for immunoassay and sensor-based detection of small molecules. <i>TrAC - Trends in Analytical Chemistry</i> , 2011, 30, 254-269.	5.8	68
10	Determination of 20 coccidiostats in egg and avian muscle tissue using ultra high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1253, 94-104.	1.8	62
11	Benzimidazole carbamate residues in milk: Detection by Surface Plasmon Resonance-biosensor, using a modified QuEChERS (Quick, Easy, Cheap, Effective, Rugged and Safe) method for extraction. <i>Analytica Chimica Acta</i> , 2009, 654, 111-119.	2.6	58
12	Detection of banned nitrofurans metabolites in animal plasma samples using UHPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 159-166.	1.2	56
13	The use of ultra-high pressure liquid chromatography with tandem mass spectrometric detection in the analysis of agrochemical residues and mycotoxins in food - Challenges and applications. <i>Journal of Chromatography A</i> , 2013, 1292, 83-95.	1.8	53
14	Metal concentrations in lime stabilised, thermally dried and anaerobically digested sewage sludges. <i>Waste Management</i> , 2016, 48, 404-408.	3.7	52
15	Development and optimisation of an improved derivatisation procedure for the determination of avermectins and milbemycins in bovine liver. <i>Analyst</i> , 2001, 126, 576-580.	1.7	50
16	Impact of fungal contamination of wheat on grain quality criteria. <i>Journal of Cereal Science</i> , 2016, 69, 95-103.	1.8	47
17	Efficacy and mechanistic insights into endocrine disruptor degradation using atmospheric air plasma. <i>Chemical Engineering Journal</i> , 2017, 326, 700-714.	6.6	43
18	Stability during cooking of anthelmintic veterinary drug residues in beef. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2011, 28, 155-165.	1.1	42

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19	Design and implementation of an imprinted material for the extraction of the endocrine disruptor bisphenol A from milk. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 931, 164-169.	1.2	40
20	Investigation of targeted pyrrolizidine alkaloids in traditional Chinese medicines and selected herbal teas sourced in Ireland using LC-ESI-MS/MS. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2014, 31, 940-961.	1.1	40
21	Endocrine disruptor activity of multiple environmental food chain contaminants. <i>Toxicology in Vitro</i> , 2015, 29, 211-220.	1.1	39
22	A dual validation approach to detect anthelmintic residues in bovine liver over an extended concentration range. <i>Talanta</i> , 2010, 83, 14-24.	2.9	38
23	Simultaneous detection of four nitrofurans metabolites in honey using a multiplexing biochip screening assay. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4076-4081.	5.3	37
24	Determination of 20 coccidiostats in milk, duck muscle and non-avian muscle tissue using UHPLC-MS/MS. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 958-969.	1.1	37
25	Validation and robustness testing of a HPLC method for the determination of avermectins and moxidectin in animal liver samples using an alumina column clean-up. <i>Analyst</i> , 2000, 125, 1741-1744.	1.7	36
26	Rapid surface plasmon resonance immunobiosensor assay for microcystin toxins in blue-green algae food supplements. <i>Talanta</i> , 2011, 84, 638-643.	2.9	35
27	Recent Developments in the Analysis of Avermectin and Milbemycin Residues in Food Safety and the Environment. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 936-951.	0.9	33
28	Development and validation of a quantitative confirmatory method for 30 β -lactam antibiotics in bovine muscle using liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1500, 121-135.	1.8	33
29	Development and optimisation of a method for the extraction of benzimidazoles from animal liver using supercritical carbon dioxide. <i>Analytica Chimica Acta</i> , 2003, 483, 313-324.	2.6	32
30	Trace analysis of endectocides in milk by high performance liquid chromatography with fluorescence detection. <i>Analytica Chimica Acta</i> , 2010, 663, 165-171.	2.6	32
31	Determining the Prevalence and Seasonality of <i>Fasciola hepatica</i> in Pasture-based Dairy herds in Ireland using a Bulk Tank Milk ELISA. <i>Irish Veterinary Journal</i> , 2015, 68, 16.	0.8	32
32	Determination of the new anthelmintic monepantel and its sulfone metabolite in milk and muscle using a UHPLC-MS/MS and QuEChERS method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 3707-3713.	1.2	31
33	Determination and Occurrence of Phenoxyacetic Acid Herbicides and Their Transformation Products in Groundwater Using Ultra High Performance Liquid Chromatography Coupled to Tandem Mass Spectrometry. <i>Molecules</i> , 2014, 19, 20627-20649.	1.7	30
34	Validation of an ultra high performance liquid chromatography-tandem mass spectrometry method for detection and quantitation of 19 endocrine disruptors in milk. <i>Food Control</i> , 2015, 48, 48-55.	2.8	30
35	Liquid Chromatography Tandem Mass Spectrometry Detection of Targeted Pyrrolizidine Alkaloids in Honeys Purchased within Ireland. <i>Food Analytical Methods</i> , 2015, 8, 18-31.	1.3	30
36	Investigation of the Persistence of Levamisole and Oxyclozanide in Milk and Fate in Cheese. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 12204-12209.	2.4	29

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37	A review of methodology for the analysis of pyrethrin and pyrethroid residues in food of animal origin. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 911-940.	1.1	29
38	Development and Validation of a Lateral Flow Device for the Detection of Nicarbazin Contamination in Poultry Feeds. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 2497-2503.	2.4	28
39	Hydrogeological characteristics influencing the occurrence of pesticides and pesticide metabolites in groundwater across the Republic of Ireland. <i>Science of the Total Environment</i> , 2017, 601-602, 594-602.	3.9	28
40	Parasite control practices on pasture-based dairy farms in the Republic of Ireland. <i>Veterinary Parasitology</i> , 2014, 204, 352-363.	0.7	27
41	Development of a fast isocratic LC-MS/MS method for the high-throughput analysis of pyrrolizidine alkaloids in Australian honey. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 214-228.	1.1	27
42	Mycotoxins in farm silages – a 2-year risk national survey. <i>Grass and Forage Science</i> , 2016, 71, 339-352.	1.2	27
43	Light-chain shuffling from an antigen-biased phage pool allows 185-fold improvement of an anti-halofuginone single-chain variable fragment. <i>Analytical Biochemistry</i> , 2011, 410, 27-33.	1.1	24
44	Survey of the anticoccidial feed additive nicarbazin (as dinitrocarbanilide residues) in poultry and eggs. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2008, 25, 32-40.	1.1	23
45	Purification of Antibodies Using Affinity Chromatography. <i>Methods in Molecular Biology</i> , 2011, 681, 369-382.	0.4	23
46	Anthelmintic drug residues in beef: UPLC-MS/MS method validation, European retail beef survey, and associated exposure and risk assessments. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2012, 29, 746-760.	1.1	23
47	Determination of nitroimidazole residues in aquaculture tissue using ultra high performance liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 960, 105-115.	1.2	23
48	Quantitative solid phase microextraction – Gas chromatography mass spectrometry analysis of the pesticides lindane, heptachlor and two heptachlor transformation products in groundwater. <i>Journal of Chromatography A</i> , 2013, 1284, 1-7.	1.8	21
49	Metabolomics reveals novel biomarkers of illegal 5-nitromimidazole treatment in pigs. Further evidence of drug toxicity uncovered. <i>Food Chemistry</i> , 2016, 199, 876-884.	4.2	21
50	A survey of acrylamide precursors in Irish ware potatoes and acrylamide levels in French fries. <i>LWT - Food Science and Technology</i> , 2007, 40, 1601-1609.	2.5	20
51	Natural Co-Occurrence of Multiple Mycotoxins in Unprocessed Oats Grown in Ireland with Various Production Systems. <i>Toxins</i> , 2021, 13, 188.	1.5	20
52	Investigation of the causes for the occurrence of residues of the anticoccidial feed additive nicarbazin in commercial poultry. <i>Food Additives and Contaminants</i> , 2007, 24, 923-934.	2.0	18
53	Detection of benzimidazole carbamates and amino metabolites in liver by surface plasmon resonance-biosensor. <i>Analytica Chimica Acta</i> , 2011, 700, 41-48.	2.6	18
54	Determination of pyrethrin and pyrethroid residues in animal fat using liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1077-1078, 60-70.	1.2	17

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55	Development and Optimisation of a Multiresidue Method for the Determination of 40 Anthelmintic Compounds in Environmental Water Samples by Solid Phase Extraction (SPE) with LC-MS/MS Detection. <i>Molecules</i> , 2019, 24, 1978.	1.7	17
56	Fate of Eprinomectin in Goat Milk and Cheeses with Different Ripening Times following Pour-On Administration. <i>Journal of Food Protection</i> , 2005, 68, 1097-1101.	0.8	16
57	Investigation of the Persistence of Nitroxynil Residues in Milk from Lactating Dairy Cows by Ultra Performance Liquid Chromatography Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7793-7797.	2.4	16
58	Efficient HPLC method for the determination of nicarbazin, as dinitrocarbanilide in broiler liver. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 822, 154-159.	1.2	15
59	Residue analyses and exposure assessment of the Irish population to nitrofurans metabolites from different food commodities in 2009-2010. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 1858-1869.	1.1	15
60	Validation and application of a reporter gene assay for the determination of estrogenic endocrine disruptor activity in milk. <i>Food and Chemical Toxicology</i> , 2014, 69, 260-266.	1.8	15
61	Development and validation of a rapid LC-MS/MS method for the confirmatory analysis of the bound residues of eight nitrofurans drugs in meat using microwave reaction. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 1375-1388.	1.9	15
62	Investigation of the migration of triclabendazole residues to milk products manufactured from bovine milk, and stability therein, following lactating cow treatment. <i>Journal of Dairy Science</i> , 2013, 96, 6223-6232.	1.4	12
63	Maximum residue level validation of triclabendazole marker residues in bovine liver, muscle and milk matrices by ultra high pressure liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1275, 41-47.	1.8	12
64	Extraction and isolation of avermectins and milbemycins from liver samples using unmodified supercritical CO ₂ with in-line trapping on basic alumina. <i>Biomedical Applications</i> , 2001, 761, 115-123.	1.7	11
65	Mycotoxin occurrence on baled and pit silages collected in Co. Meath. <i>Irish Journal of Agricultural and Food Research</i> , 2015, 54, 87-97.	0.2	11
66	Improving the chromatographic selectivity of β -lactam residue analysis in milk using phenyl-column chemistry prior to detection by tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4461-4475.	1.9	11
67	Determination of 42 mycotoxins in oats using a mechanically assisted QuEChERS sample preparation and UHPLC-MS/MS detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1150, 122187.	1.2	11
68	Emergency slaughter of casualty cattle increases the prevalence of anthelmintic drug residues in muscle. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2012, 29, 1263-1271.	1.1	10
69	ProSafeBeef and anthelmintic drug residues—a case study in collaborative application of multi-analyte mass spectrometry to enhance consumer safety. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1623-1630.	1.9	10
70	Rapid Simultaneous Detection of Anti-Protozoan Drugs Using a Lateral-Flow Immunoassay Format. <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 387-398.	1.4	10
71	Current knowledge on urease and nitrification inhibitors technology and their safety. <i>Reviews on Environmental Health</i> , 2021, 36, 477-491.	1.1	10
72	Investigation of the persistence of florfenicol residues in bovine milk and fate during processing. <i>International Dairy Journal</i> , 2014, 39, 270-275.	1.5	9

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73	An assessment of contamination fingerprinting techniques for determining the impact of domestic wastewater treatment systems on private well supplies. <i>Environmental Pollution</i> , 2021, 268, 115687.	3.7	9
74	Partitioning of nitroxylin, oxytetracycline and levamisole residues from milk to cream, skim milk and skim milk powder. <i>International Journal of Dairy Technology</i> , 2012, 65, 503-506.	1.3	8
75	Investigation of the Persistence of Cloxacillin Residues in Bovine Milk Following Lactating-Cow and Dry-Cow Treatments and Its Migration into Dairy Products. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 8703-8710.	2.4	8
76	Determination of nitroxylin residues in tissues and bovine milk by immunobiosensor. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 1115-1122.	1.1	8
77	Risk-based approach to developing a national residue sampling plan for testing under European Union regulation for veterinary medicinal products and coccidiostat feed additives in domestic animal production. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 1155-1165.	1.1	8
78	Biofortification of Chicken Eggs with Vitamin K ² Nutritional and Quality Improvements. <i>Foods</i> , 2020, 9, 1619.	1.9	8
79	Development of One-Step Non-Solvent Extraction and Sensitive UHPLC-MS/MS Method for Assessment of N-(n-Butyl) Thiophosphoric Triamide (NBPT) and N-(n-Butyl) Phosphoric Triamide (NBPT _o) in Milk. <i>Molecules</i> , 2021, 26, 2890.	1.7	7
80	Agronomic Factors Influencing the Scale of Fusarium Mycotoxin Contamination of Oats. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 965.	1.5	7
81	Validation of a Simple Spectrophotometric Method for the Measurement of Quaternary Ammonium Compound Residue Concentrations in Food Production Facility. <i>Food Analytical Methods</i> , 2013, 6, 1265-1270.	1.3	6
82	Determination of imidocarb residues in bovine and ovine liver and milk by immunobiosensor. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 1108-1114.	1.1	6
83	Investigation of the persistence of rafoxanide residues in bovine milk and fate during processing. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 1087-1095.	1.1	6
84	<i>Lactobacillus brevis</i> R2 ¹ as starter culture to improve biological and technological qualities of barley malt. <i>European Food Research and Technology</i> , 2017, 243, 1363-1374.	1.6	6
85	Purification of Antibodies Using Affinity Chromatography. <i>Methods in Molecular Biology</i> , 2017, 1485, 305-318.	0.4	6
86	Investigation of the persistence of triclabendazole residues in bovine milk following lactating-cow and dry-cow treatments. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 1080-1086.	1.1	5
87	Determination of the persistence of dimetridazole, metronidazole and ronidazole residues in black tiger shrimp (<i>Penaeus monodon</i>) tissue and their stability during cooking. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 180-193.	1.1	5
88	Development and validation of an UHPLC-MS/MS method for the determination of mycotoxins in grass silages. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2015, 32, 1-12.	1.1	5
89	Variation associated with sampling bale or pit silage for mycotoxins and conventional chemical characteristics. <i>World Mycotoxin Journal</i> , 2016, 9, 331-342.	0.8	5
90	Determination of the presence of pathogens and anthelmintic drugs in raw milk and raw milk cheeses from small scale producers in Ireland. <i>LWT - Food Science and Technology</i> , 2020, 130, 109347.	2.5	5

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91	Migration of Cefquinome Antibiotic Residues from Milk to Dairy Products. Dairy, 2021, 2, 658-670.	0.7	5
92	Vibrational extraction QuEChERS for analysis of antiparasitic agents in fish by liquid chromatography coupled with tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2019, 411, 6913-6929.	1.9	4
93	Persistence of $\hat{\pm}$ -cypermethrin residues in milk of lactating donkeys (<i>Equus asinus</i>) using UHPLC-MS/MS. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2014, 31, 1-7.	1.1	3
94	Analysis of Anthelmintic and Anticoccidial Drug Residues in Animal‐Derived Foods. , 0, , 245-309.		2
95	Development and validation of a quantitative method for 15 antiviral drugs in poultry muscle using liquid chromatography coupled to tandem mass spectrometry. Journal of Chromatography A, 2022, 1665, 462793.	1.8	2
96	A European Food Safety Perspective on Residues of Veterinary Drugs and Growth-Promoting Agents. , 0, , 326-342.		1
97	Deltamethrin Residues in Milk and Cheese of Lactating Goats (<i>Capra hircus</i>). Molecules, 2019, 24, 517.	1.7	1
98	On-farm factors relating to mycotoxin occurrence and other chemical compositional traits in grass silages in Ireland. World Mycotoxin Journal, 2016, 9, 505-516.	0.8	1
99	Survey of 11 nitroimidazole residues in hen and duck eggs from the Irish market. Food Additives and Contaminants: Part B Surveillance, 2011, 4, 79-87.	1.3	0
100	Research of nitroxynil residues in bovine milk following a single administration in the dry period by ultra-performance liquid chromatography tandem mass spectrometry. Italian Journal of Food Safety, 2013, 2, 43.	0.5	0
101	Vitamin K-biofortification of eggs: effect on egg quality and hen performance parameters. Proceedings of the Nutrition Society, 2020, 79, .	0.4	0