Eric Verdon

List of Publications by Year
in descending order

66 papers	1,553 citations	304743 22 h-index	345221 36 g-index
66 all docs	66 docs citations	66 times ranked	1910 citing authors

#	Article	IF	Citations
1	Permethrin-induced oxidative stress and toxicity and metabolism. A review. Environmental Research, 2016, 149, 86-104.	7.5	180
2	Multi-residue monitoring for the simultaneous determination of five nitrofurans (furazolidone,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 71 detection of their five major metabolites (AOZ, AMOZ, SEM, AHD, DNSAH) by liquid chromatography coupled to electrospray tandem mass spectrometryâ€"In-house validation in line with Commission Decision 657/2002/EC. Analytica Chimica Acta, 2007, 586, 336-347.	5.4	123
3	Absorption, distribution, metabolism, and excretion of nanocarriers in vivo and their influences. Advances in Colloid and Interface Science, 2020, 284, 102261.	14.7	83
4	Qualitative screening of veterinary anti-microbial agents in tissues, milk, and eggs of food-producing animals using liquid chromatography coupled with tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1017-1018, 82-88.	2.3	69
5	Simultaneous determination of malachite green, gentian violet and their leuco-metabolites in shrimp and salmon by liquid chromatographyâ€"tandem mass spectrometry with accelerated solvent extraction and auto solid-phase clean-up. Food Control, 2011, 22, 1246-1252.	5.5	67
6	Designing, structural determination and biological effects of rifaximin loaded chitosan-carboxymethyl chitosan nanogel. Carbohydrate Polymers, 2020, 248, 116782.	10.2	65
7	Development of a sensitive and robust liquid chromatography coupled with tandem mass spectrometry and a pressurized liquid extraction for the determination of aflatoxins and ochratoxin A in animal derived foods. Journal of Chromatography A, 2012, 1253, 110-119.	3.7	58
8	Development of a multi-class method to determine nitroimidazoles, nitrofurans, pharmacologically active dyes and chloramphenicol in aquaculture products by liquid chromatography-tandem mass spectrometry. Food Chemistry, 2020, 311, 125924.	8.2	52
9	Development of a liquid chromatographyâ€"tandem mass spectrometry with ultrasound-assisted extraction method for the simultaneous determination of sudan dyes and their metabolites in the edible tissues and eggs of food-producing animals. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 939, 45-50.	2.3	42
10	Development of a broad-spectrum monoclonal antibody-based indirect competitive enzyme-linked immunosorbent assay for the multi-residue detection of avermectins in edible animal tissues and milk. Food Chemistry, 2019, 286, 234-240.	8.2	37
11	Preparation of a generic monoclonal antibody and development of a highly sensitive indirect competitive ELISA for the detection of phenothiazines in animal feed. Food Chemistry, 2017, 221, 1004-1013.	8.2	36
12	Enhanced Treatment Effects of Tilmicosin Against Staphylococcus aureus Cow Mastitis by Self-Assembly Sodium Alginate-Chitosan Nanogel. Pharmaceutics, 2019, 11, 524.	4.5	35
13	Preparation, characterization and pharmacokinetics of cyadox nanosuspension. Scientific Reports, 2017, 7, 2289.	3.3	33
14	Development and validation of a multiclass method for the determination of antibiotic residues in honey using liquid chromatography-tandem mass spectrometry. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2017, 34, 582-597.	2.3	33
15	Composite inclusion complexes containing hyaluronic acid/chitosan nanosystems for dual responsive enrofloxacin release. Carbohydrate Polymers, 2021, 252, 117162.	10.2	33
16	Integration of PK/PD for dose optimization of Cefquinome against Staphylococcus aureus causing septicemia in cattle. Frontiers in Microbiology, 2015, 6, 588.	3.5	32
17	Metabolism, Distribution, and Elimination of Mequindox in Pigs, Chickens, and Rats. Journal of Agricultural and Food Chemistry, 2015, 63, 9839-9849.	5.2	31
18	Development of a liquid chromatographyâ€"tandem mass spectrometry with ultrasound-assisted extraction and auto solid-phase clean-up method for the determination of Fusarium toxins in animal derived foods. Journal of Chromatography A, 2013, 1311, 21-29.	3.7	30

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19	Metabolic disposition and excretion of quinocetone in rats, pigs, broilers, and carp. Food and Chemical Toxicology, 2014, 69, 109-119.	3.6	29
20	Preparation of a monoclonal antibody against amantadine and rimantadine and development of an indirect competitive enzyme-linked immunosorbent assay for detecting the same in chicken muscle and liver. Journal of Pharmaceutical and Biomedical Analysis, 2017, 133, 56-63.	2.8	28
21	Construction of Electrochemical Immunosensor Based on Gold-Nanoparticles/Carbon Nanotubes/Chitosan for Sensitive Determination of T-2 Toxin in Feed and Swine Meat. International Journal of Molecular Sciences, 2018, 19, 3895.	4.1	28
22	Confirmation of five nitrofuran metabolites including nifursol metabolite in meat and aquaculture products by liquid chromatography-tandem mass spectrometry: Validation according to European Union Decision 2002/657/EC. Food Chemistry, 2021, 342, 128389.	8.2	24
23	Synthesis, 3D-QSAR analysis and biological evaluation of quinoxaline 1,4-di-N-oxide derivatives as antituberculosis agents. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4146-4153.	2.2	23
24	Determination of Residues of Three Triphenylmethane Dyes and Their Metabolites (Malachite Green,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Products by LC/MS/MS: First Action 2012.25. Journal of AOAC INTERNATIONAL, 2013, 96, 1152-1157.	1.5	21
25	Development and validation of an indirect competitive enzyme-linked immunosorbent assay for monitoring organoarsenic compounds in edible chicken and pork and feed. Food Chemistry, 2016, 197, 821-828.	8.2	18
26	Design, Synthesis, and Biological Evaluation of Novel Thiazolidinone-Containing Quinoxaline-1,4-di-N-oxides as Antimycobacterial and Antifungal Agents. Frontiers in Chemistry, 2020, 8, 598.	3.6	18
27	Intracellular delivery, accumulation, and discrepancy in antibacterial activity of four enrofloxacin-loaded fatty acid solid lipid nanoparticles. Colloids and Surfaces B: Biointerfaces, 2020, 194, 111196.	5.0	18
28	Multiclass method for the quantification of 92 veterinary antimicrobial drugs in livestock excreta, wastewater, and surface water by liquid chromatography with tandem mass spectrometry. Journal of Separation Science, 2016, 39, 4086-4095.	2.5	17
29	Development and Validation of a Sensitive Indirect Competitive Enzyme-Linked Immunosorbent Assay for the Screening of Florfenicol and Thiamphenicol in Edible Animal Tissue and Feed. Food Analytical Methods, 2016, 9, 2434-2443.	2.6	17
30	Development and validation of a sensitive monoclonal antibody-based indirect competitive enzyme-linked immunosorbent assay for the determination of the aflatoxin M1 levels in milk. Toxicon, 2016, 113, 18-24.	1.6	17
31	Development of a monoclonal antibody-based indirect competitive enzyme-linked immunosorbent assay for nitroimidazoles in edible animal tissues and feeds. Journal of Pharmaceutical and Biomedical Analysis, 2016, 120, 84-91.	2.8	16
32	Surface plasmon resonance biosensor for the determination of 3-methyl-quinoxaline-2-carboxylic acid, the marker residue of olaquindox, in swine tissues. Food Chemistry, 2020, 302, 124623.	8.2	14
33	An immunoaffinity column for the selective purification of 3-methyl-quinoxaline-2-carboxylic acid from swine tissues and its determination by high-performance liquid chromatography with ultraviolet detection and a colloidal gold-based immunochromatographic assay. Food Chemistry, 2017, 237, 290-296.	8.2	13
34	A novel hapten and monoclonal-based enzyme-linked immunosorbent assay for 3-methyl-quinoxaline-2-carboxylic acid in edible animal tissues. Analytical Methods, 2015, 7, 6588-6594.	2.7	12
35	Solid-phase microextraction set-up for the analysis of liver volatolome to detect livestock exposure to micropollutants. Journal of Chromatography A, 2017, 1497, 9-18.	3.7	12
36	The dose regimen formulation of tilmicosin against Lawsonia intracellularis in pigs by pharmacokinetic-pharmacodynamic (PK-PD) model. Microbial Pathogenesis, 2020, 147, 104389.	2.9	12

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37	Validation of a liquid chromatographyâ€“high-resolution mass spectrometry method for the analysis of ceftiofur in poultry muscle, kidneys and plasma: A unique accuracy profile for each and every matrix. Journal of Chromatography A, 2015, 1407, 119-129.	3.7	11
38	Simultaneous Determination of Quinoxalines in Animal Feeds by a Modified QuEChERS Method with MWCNTs as the Sorbent Followed by High-Performance Liquid Chromatography. Food Analytical Methods, 2017, 10, 2085-2091.	2.6	11
39	Tissue distribution and bioaccumulation of 8:2 fluorotelomer alcohol and its metabolites in pigs after oral exposure. Chemosphere, 2020, 249, 126016.	8.2	11
40	The Monitoring of Triphenylmethane Dyes in Aquaculture Products Through the European Union Network of Official Control Laboratories. Journal of AOAC INTERNATIONAL, 2015, 98, 649-657.	1.5	10
41	Elimination and Concentration Correlations between Edible Tissues and Biological Fluids and Hair of Ractopamine in Pigs and Goats Fed with Ractopamine-Medicated Feed. Journal of Agricultural and Food Chemistry, 2016, 64, 2012-2020.	5.2	10
42	Determination of Tartrazine, Lutein, Capsanthin, Canthaxanthin and Î²-Carotene in Animal-Derived Foods and Feeds by HPLC Method. Journal of Chromatographic Science, 2019, 57, 462-468.	1.4	10
43	Microbiological toxicity of tilmicosin on human colonic microflora in chemostats. Regulatory Toxicology and Pharmacology, 2015, 73, 201-208.	2.7	8
44	Preparation of a Broadly Specific Monoclonal Antibody-Based Indirect Competitive ELISA for the Detection of Benzodiazepines in Edible Animal Tissues and Feed. Food Analytical Methods, 2016, 9, 3407-3419.	2.6	8
45	Development a monoclonal antibody-based enzyme-linked immunosorbent assay for screening carotenoids in eggs. Food Chemistry, 2016, 202, 141-148.	8.2	8
46	Development of a sensitive monoclonal-based enzyme-linked immunosorbent assay for monitoring T-2 toxin in food and feed. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2016, 33, 1-10.	2.3	8
47	The antibacterial activities of aditoprim and its efficacy in the treatment of swine streptococcosis. Scientific Reports, 2017, 7, 41370.	3.3	8
48	A non-targeted LC-HRMS approach for detecting exposure to illegal veterinary treatments: The case of cephalosporins in commercial laying Hens. Journal of Chromatography A, 2019, 1599, 161-171.	3.7	8
49	InÂvitro investigations of the metabolism of Victoria pure blue BO dye to identify main metabolites for food control in fish. Chemosphere, 2020, 238, 124538.	8.2	7
50	Optimal regimens based on PK/PD cutoff evaluation of ceftiofur against Actinobacillus pleuropneumoniae in swine. BMC Veterinary Research, 2020, 16, 366.	1.9	7
51	Control of Antimicrobials in Feed Using Liquid Chromatographyâ€“Tandem Mass Spectrometry: Assessment of Cross-Contamination Rates at the Farm Level. Journal of Agricultural and Food Chemistry, 2020, 68, 9033-9042.	5.2	6
52	Development of a magnetic MOF-based M-D-Î¼SPE methodology combined with LC-MS/MS for the determination of fluorotelomer alcohols and its metabolites in animal derived foods. Food Chemistry, 2021, 363, 130205.	8.2	6
53	Development and validation of an indirect competitive enzyme-linked immunosorbent assay for the detection of albendazole 2-aminosulfone residues in animal tissues. Food and Agricultural Immunology, 2016, 27, 273-287.	1.4	5
54	Development and Validation of a Monoclonal Antibody-Based Indirect Competitive ELISA for the Detection of Sudan I in Duck Eggs and Crystal Violet in Carp. Food Analytical Methods, 2017, 10, 1442-1451.	2.6	5

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55	Establishment of pressurized liquid extraction followed by HPLCâ€“MS/MS method for the screening of adrenergic drugs, steroids, sedatives, colorants and antioxidants in swine feed. Journal of Separation Science, 2019, 42, 1915-1929.	2.5	5
56	Pharmacokinetics and Metabolism of Cyadox and Its Main Metabolites in Beagle Dogs Following Oral, Intramuscular, and Intravenous Administration. Frontiers in Pharmacology, 2016, 7, 236.	3.5	4
57	Simultaneous determination of multicomponent of acetylkitasamycin and kitasamycin by LCâ€“MS/MS in swine plasma and its application in a pharmacokinetic study. Biomedical Chromatography, 2018, 32, e4268.	1.7	4
58	Tissue distribution, metabolism, and elimination of Victoria Pure Blue BO in rainbow trout: Main metabolite as an appropriate residue marker. Chemosphere, 2021, 262, 127636.	8.2	4
59	Evaluation of ELISA kits for the screening of four nitrofuran metabolites in aquaculture products according to the European guideline for the validation of screening methods. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2021, 38, 237-254.	2.3	4
60	Physiologically based pharmacokinetic model for quinocetone in pigs and extrapolation to mequindox. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2016, 34, 1-19.	2.3	2
61	A Convenient and Sensitive LC-MS/MS Method for Simultaneous Determination of Carbadox- and Olaquindox-Related Residues in Swine Muscle and Liver Tissues. Journal of Analytical Methods in Chemistry, 2018, 2018, 1-9.	1.6	2
62	Disposition of cyadox in domesticated cats following oral, intramuscular, and intravenous administration. Journal of Veterinary Pharmacology and Therapeutics, 2020, 43, 97-107.	1.3	2
63	Development and applicability of a multi-residue method for dyes, including new residue markers, to detect drug misuse in aquaculture. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2021, 38, 1332-1349.	2.3	1
64	Preparation and evaluation of valnemulin hydrochloride taste-masking granules. Current Drug Delivery, 2021, 18, .	1.6	1
65	Dosage Regimen Formulation and Therapeutic Effect Evaluation of Cyadox Nanosuspension Against Dairy Cow Mastitis Caused by Staphylococcus aureus. Current Drug Delivery, 2021, 18, 965-974.	1.6	1
66	Development and optimisation of an amperometric immunosensor for the detection of banned antibiotic residues in honey. , 2020, 60, .		0