

Siska Croubels

List of Publications by Year in descending order

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207
papers

5,688
citations

81900

39
h-index

118850

62
g-index

210
all docs

210
docs citations

210
times ranked

5775
citing authors

#	ARTICLE	IF	CITATIONS
1	Agricultural contaminants in amphibian breeding ponds: Occurrence, risk and correlation with agricultural land use. <i>Science of the Total Environment</i> , 2022, 806, 150661.	8.0	11
2	Influence of nixtamalization cooking ingredients on the minerals composition of nixtamalized maize and sorghum. <i>Journal of Cereal Science</i> , 2022, 103, 103373.	3.7	2
3	Essential descriptors for mycotoxin contamination data in food and feed. <i>Food Research International</i> , 2022, 152, 110883.	6.2	8
4	Impact of heavy metal exposure on biological control of a deadly amphibian pathogen by zooplankton. <i>Science of the Total Environment</i> , 2022, 823, 153800.	8.0	1
5	Efficacy of Fumonisin Esterase in Piglets as Animal Model for Fumonisin Detoxification in Humans: Pilot Study Comparing Intraoral to Intragastric Administration. <i>Toxins</i> , 2022, 14, 136.	3.4	1
6	Intestinal Exposure to Ceftiofur and Cefquinome after Intramuscular Treatment and the Impact of Ceftiofur on the Pig Fecal Microbiome and Resistome. <i>Antibiotics</i> , 2022, 11, 342.	3.7	3
7	Machine learning-aided design of composite mycotoxin detoxifier material for animal feed. <i>Scientific Reports</i> , 2022, 12, 4838.	3.3	3
8	The ergogenic effect of acute carnosine and anserine supplementation: dosing, timing, and underlying mechanism. <i>Journal of the International Society of Sports Nutrition</i> , 2022, 19, 70-91.	3.9	8
9	Cytotoxic Effects of Alternariol, Alternariol Monomethyl-Ether, and Tenuazonic Acid and Their Relevant Combined Mixtures on Human Enterocytes and Hepatocytes. <i>Frontiers in Microbiology</i> , 2022, 13, 849243.	3.5	12
10	Perioperative pharmacokinetics and pharmacodynamics of meloxicam in emus (<i>Dromaius</i>). <i>Veterinary Pharmacology and Therapeutics</i> , 2021, 44, 603-618.	1.3	8
11	Multi-residue analysis of 20 mycotoxins including major metabolites and emerging mycotoxins in freshwater using UHPLC-MS/MS and application to freshwater ponds in Flanders, Belgium. <i>Environmental Research</i> , 2021, 196, 110366.	7.5	12
12	Applied Research Note: Biomonitoring of mycotoxins in blood serum and feed to assess exposure of broiler chickens. <i>Journal of Applied Poultry Research</i> , 2021, 30, 100111.	1.2	4
13	Dietary exposure assessment and risk characterization of citrinin and ochratoxin A in Belgium. <i>Food and Chemical Toxicology</i> , 2021, 147, 111914.	3.6	33
14	Ergogenic effect of pre-exercise chicken broth ingestion on a high-intensity cycling time-trial. <i>Journal of the International Society of Sports Nutrition</i> , 2021, 18, 15.	3.9	3
15	Multi-Mycotoxin Contamination of Maize Silages in Flanders, Belgium: Monitoring Mycotoxin Levels from Seed to Feed. <i>Toxins</i> , 2021, 13, 202.	3.4	33
16	The Development of a Juvenile Porcine Augmented Renal Clearance Model Through Continuous Infusion of Lipopolysaccharides: An Exploratory Study. <i>Frontiers in Veterinary Science</i> , 2021, 8, 639771.	2.2	3
17	Description of Plasma Penicillin G Concentrations after Intramuscular Injection in Double-Muscled Cows to Optimize the Timing of Antibiotherapy for Caesarean Section. <i>Veterinary Sciences</i> , 2021, 8, 67.	1.7	2
18	Porcine ear necrosis. <i>Veterinary Journal</i> , 2021, 271, 105655.	1.7	9

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19	Exploratory real-time kinetic analysis of the cytotoxicity induced by maize silage mycotoxins in a calf intestinal epithelial cell line. <i>World Mycotoxin Journal</i> , 2021, 14, 513-523.	1.4	0
20	Volumetric absorptive microsampling as alternative sampling technique for renal function assessment in the paediatric population using iohexol. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1171, 122623.	2.3	7
21	The efficacy and effect on gut microbiota of an aflatoxin binder and a fumonisin esterase using an in vitro simulator of the human intestinal microbial ecosystem (SHIMEA®). <i>Food Research International</i> , 2021, 145, 110395.	6.2	6
22	Development and Validation of Liquid Chromatography-Tandem Mass Spectrometry Methods for the Quantification of Cefquinome, Ceftiofur, and Desfuroylceftiofuracetamide in Porcine Feces with Emphasis on Analyte Stability. <i>Molecules</i> , 2021, 26, 4598.	3.8	2
23	Bacterial Enrichment Cultures Biotransform the Mycotoxin Deoxynivalenol into a Novel Metabolite Toxic to Plant and Porcine Cells. <i>Toxins</i> , 2021, 13, 552.	3.4	4
24	Mycotoxins in Poultry Feed and Feed Ingredients from Sub-Saharan Africa and Their Impact on the Production of Broiler and Layer Chickens: A Review. <i>Toxins</i> , 2021, 13, 633.	3.4	31
25	Effect of Selected Cooking Ingredients for Nixtamalization on the Reduction of Fusarium Mycotoxins in Maize and Sorghum. <i>Toxins</i> , 2021, 13, 27.	3.4	14
26	Evaluation of serum lidocaine/monoethylglycylxylidide concentration to assess shunt closure in dogs with extrahepatic portosystemic shunts. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 261-268.	1.6	8
27	Persecution of Birds of Prey in Flanders: A Retrospective Study 2011–19. <i>Journal of Wildlife Diseases</i> , 2021, 57, 922-926.	0.8	0
28	Porcine ear necrosis in weaned piglets: prevalence and impact on daily weight gain. <i>Porcine Health Management</i> , 2021, 7, 61.	2.6	5
29	Gastrostomy tube placement via a laparotomic procedure in growing conventional piglets to perform multi-dose preclinical paediatric drug studies. <i>Laboratory Animals</i> , 2020, 54, 261-271.	1.0	0
30	Investigation of age-related differences in toxicokinetic processes of deoxynivalenol and deoxynivalenol-3-glucoside in weaned piglets. <i>Archives of Toxicology</i> , 2020, 94, 417-425.	4.2	7
31	Towards a food web based control strategy to mitigate an amphibian panzootic in agricultural landscapes. <i>Global Ecology and Conservation</i> , 2020, 24, e01314.	2.1	6
32	A Study of Carry-Over and Histopathological Effects after Chronic Dietary Intake of Citrinin in Pigs, Broiler Chickens and Laying Hens. <i>Toxins</i> , 2020, 12, 719.	3.4	15
33	Multi-Mycotoxin Occurrence in Dairy Cattle and Poultry Feeds and Feed Ingredients from Machakos Town, Kenya. <i>Toxins</i> , 2020, 12, 762.	3.4	36
34	The impact of therapeutic-dose induced intestinal enrofloxacin concentrations in healthy pigs on fecal <i>Escherichia coli</i> populations. <i>BMC Veterinary Research</i> , 2020, 16, 382.	1.9	16
35	Calcination Improves the In Vivo Efficacy of a Montmorillonite Clay to Bind Aflatoxin G1 in Broiler Chickens: A Toxicokinetic Approach. <i>Toxins</i> , 2020, 12, 660.	3.4	0
36	Presence of low virulence chytrid fungi could protect European amphibians from more deadly strains. <i>Nature Communications</i> , 2020, 11, 5393.	12.8	22

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37	Highly sensitive multi-residue analysis of veterinary drugs including coccidiostats and anthelmintics in pond water using UHPLC-MS/MS: application to freshwater ponds in Flanders, Belgium. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 2117-2131.	3.5	8
38	The role of alanine glyoxylate transaminase-2 (agxt2) in α -alanine and carnosine metabolism of healthy mice and humans. <i>European Journal of Applied Physiology</i> , 2020, 120, 2749-2759.	2.5	3
39	Stability, Homogeneity and Carry-Over of Amoxicillin, Doxycycline, Florfenicol and Flubendazole in Medicated Feed and Drinking Water on 24 Pig Farms. <i>Antibiotics</i> , 2020, 9, 563.	3.7	4
40	Pediatric Pharmacology of Desmopressin in Children with Enuresis: A Comprehensive Review. <i>Paediatric Drugs</i> , 2020, 22, 369-383.	3.1	15
41	Simultaneous Measurement of Glomerular Filtration Rate, Effective Renal Plasma Flow and Tubular Secretion in Different Poultry Species by Single Intravenous Bolus of Iohexol and Para-Aminohippuric Acid. <i>Animals</i> , 2020, 10, 1027.	2.3	5
42	Evaluation of the Efficacy of Mycotoxin Modifiers and Mycotoxin Binders by Using an In Vitro Rumen Model as a First Screening Tool. <i>Toxins</i> , 2020, 12, 405.	3.4	10
43	Toxicokinetics of Hydrolyzed Fumonisin B1 after Single Oral or Intravenous Bolus to Broiler Chickens Fed a Control or a Fumonisin-Contaminated Diet. <i>Toxins</i> , 2020, 12, 413.	3.4	9
44	Multi-class analysis of 46 antimicrobial drug residues in pond water using UHPLC-Orbitrap-HRMS and application to freshwater ponds in Flanders, Belgium. <i>Talanta</i> , 2020, 220, 121326.	5.5	31
45	Conventional Pig as Animal Model for Human Renal Drug Excretion Processes: Unravelling the Porcine Renal Function by Use of a Cocktail of Exogenous Markers. <i>Frontiers in Pharmacology</i> , 2020, 11, 883.	3.5	14
46	Toxicokinetic Studies in Piglets Reveal Age-Related Differences in Systemic Exposure to Zearalenone, Zearalenone-14-Glucoside, and Zearalenone-14-Sulfate. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 7757-7764.	5.2	7
47	In Vitro Rumen Simulations Show a Reduced Disappearance of Deoxynivalenol, Nivalenol and Enniatin B at Conditions of Rumen Acidosis and Lower Microbial Activity. <i>Toxins</i> , 2020, 12, 101.	3.4	32
48	Pharmacokinetics, absolute bioavailability and tolerability of ketamine after intranasal administration to dexmedetomidine sedated dogs. <i>PLoS ONE</i> , 2020, 15, e0227762.	2.5	22
49	Comparative toxicokinetics of Fusarium mycotoxins in pigs and humans. <i>Food and Chemical Toxicology</i> , 2020, 137, 111140.	3.6	53
50	Enantiomer specific pharmacokinetics of ibuprofen in preterm neonates with patent ductus arteriosus. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 2028-2039.	2.4	17
51	Comprehensive toxicokinetic analysis reveals major interspecies differences in absorption, distribution and elimination of citrinin in pigs and broiler chickens. <i>Food and Chemical Toxicology</i> , 2020, 141, 111365.	3.6	9
52	Weight-gain induced changes in renal perfusion assessed by contrast-enhanced ultrasound precede increases in urinary protein excretion suggestive of glomerular and tubular injury and normalize after weight-loss in dogs. <i>PLoS ONE</i> , 2020, 15, e0231662.	2.5	12
53	A Review of the Impact of Mycotoxins on Dairy Cattle Health: Challenges for Food Safety and Dairy Production in Sub-Saharan Africa. <i>Toxins</i> , 2020, 12, 222.	3.4	60
54	Unraveling the Contribution of Fluid Therapy to the Development of Augmented Renal Clearance in a Piglet Model. <i>Frontiers in Pharmacology</i> , 2020, 11, 607101.	3.5	4

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55	Comparative pharmacokinetics of imepitoin after oral and rectal administration in healthy dogs. <i>Veterinary Journal</i> , 2020, 259-260, 105459.	1.7	0
56	Breast levonorgestrel concentrations in women using a levonorgestrel-releasing intrauterine system. <i>Contraception</i> , 2019, 100, 299-301.	1.5	11
57	In Vivo Metabolism of Ibuprofen in Growing Conventional Pigs: A Pharmacokinetic Approach. <i>Frontiers in Pharmacology</i> , 2019, 10, 712.	3.5	7
58	Assessment of Dried Blood Spots for Multi-Mycotoxin Biomarker Analysis in Pigs and Broiler Chickens. <i>Toxins</i> , 2019, 11, 541.	3.4	10
59	Alfaxalone total intravenous anaesthesia in dogs: pharmacokinetics, cardiovascular data and recovery characteristics. <i>Veterinary Anaesthesia and Analgesia</i> , 2019, 46, 605-612.	0.6	13
60	Development of an UPLC-MS/MS Method for the Analysis of Mycotoxins in Rumen Fluid with and without Maize Silage Emphasizes the Importance of Using Matrix-Matched Calibration. <i>Toxins</i> , 2019, 11, 519.	3.4	19
61	Characterization of Porcine Hepatic and Intestinal Drug Metabolizing CYP450: Comparison with Human Orthologues from A Quantitative, Activity and Selectivity Perspective. <i>Scientific Reports</i> , 2019, 9, 9233.	3.3	31
62	Developmental Pharmacokinetics and Safety of Ibuprofen and Its Enantiomers in the Conventional Pig as Potential Pediatric Animal Model. <i>Frontiers in Pharmacology</i> , 2019, 10, 505.	3.5	15
63	Ultra-high-performance liquid chromatography coupled to quadrupole orbitrap high-resolution mass spectrometry for multi-residue screening of pesticides, (veterinary) drugs and mycotoxins in edible insects. <i>Food Chemistry</i> , 2019, 293, 187-196.	8.2	48
64	Multi LC-MS/MS and LC-HRMS Methods for Determination of 24 Mycotoxins including Major Phase I and II Biomarker Metabolites in Biological Matrices from Pigs and Broiler Chickens. <i>Toxins</i> , 2019, 11, 171.	3.4	48
65	Impact of Subacute Exposure to T-2 Toxin and Zearalenone on the Pharmacokinetics of Midazolam as CYP3A Probe Drug in a Porcine Animal Model: A Pilot Study. <i>Frontiers in Pharmacology</i> , 2019, 10, 399.	3.5	15
66	Development and validation of an ultra-high performance liquid chromatography-tandem mass spectrometry method for the simultaneous determination of iohexol, p-aminohippuric acid and creatinine in porcine and broiler chicken plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1117, 77-85.	2.3	18
67	Biomarkers for Exposure as A Tool for Efficacy Testing of A Mycotoxin Detoxifier in Broiler Chickens and Pigs. <i>Toxins</i> , 2019, 11, 187.	3.4	23
68	Pharmacokinetics and absolute oral bioavailability of meloxicam in guinea pigs (<i>Cavia porcellus</i>). <i>Veterinary Anaesthesia and Analgesia</i> , 2019, 46, 548-555.	0.6	14
69	Insights into In Vivo Absolute Oral Bioavailability, Biotransformation, and Toxicokinetics of Zearalenone, \pm -Zearalenol, β -Zearalenol, Zearalenone-14-glucoside, and Zearalenone-14-sulfate in Pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3448-3458.	5.2	49
70	P25...Comparison of renal function estimation methods in critically ill children: a pilot study. <i>Archives of Disease in Childhood</i> , 2019, 104, e27.1-e27.	1.9	1
71	O16...Piglets as animal model to assess the contribution of fluid therapy to the development of augmented renal clearance in children. <i>Archives of Disease in Childhood</i> , 2019, 104, e7.2-e7.	1.9	0
72	P27...The juvenile pig as animal model for unraveling renal drug elimination processes in children. <i>Archives of Disease in Childhood</i> , 2019, 104, e28.1-e28.	1.9	0

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73	Oral group medication in pig production: characterising medicated feed and drinking water systems. <i>Veterinary Record</i> , 2019, 185, 405-405.	0.3	7
74	Comparative physiology of glomerular filtration rate by plasma clearance of exogenous creatinine and exo-iohexol in six different avian species. <i>Scientific Reports</i> , 2019, 9, 19699.	3.3	12
75	Mycotoxins in Flandersâ€™ Fields: Occurrence and Correlations with <i>Fusarium</i> Species in Whole-Plant Harvested Maize. <i>Microorganisms</i> , 2019, 7, 571.	3.6	46
76	The role of roughage provision on the absorption and disposition of the mycotoxin deoxynivalenol and its acetylated derivatives in calves: from field observations to toxicokinetics. <i>Archives of Toxicology</i> , 2019, 93, 293-310.	4.2	16
77	Comparative Toxicokinetics and Plasma Protein Binding of Ochratoxin A in Four Avian Species. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 2129-2135.	5.2	18
78	Pharmacokinetics of florfenicol in turkey plasma, lung tissue, and pulmonary epithelial lining fluid after single oral bolus or continuous administration in the drinking water. <i>Poultry Science</i> , 2018, 97, 1134-1140.	3.4	8
79	Storage stability study of porcine hepatic and intestinal cytochrome P450 isoenzymes by use of a newly developed and fully validated highly sensitive HPLC-MS/MS method. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1833-1843.	3.7	12
80	Elevated urinary excretion of free pyridinoline in Friesian horses suggests a breed-specific increase in collagen degradation. <i>BMC Veterinary Research</i> , 2018, 14, 139.	1.9	10
81	Effect of residual doxycycline concentrations on resistance selection and transfer in porcine commensal <i>Escherichia coli</i> . <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 123-127.	2.5	13
82	Pharmacokinetics and electrophysiological effects of sotalol hydrochloride in horses. <i>Equine Veterinary Journal</i> , 2018, 50, 377-383.	1.7	18
83	Similar Gastro-Intestinal Exposure to Florfenicol After Oral or Intramuscular Administration in Pigs, Leading to Resistance Selection in Commensal <i>Escherichia coli</i> . <i>Frontiers in Pharmacology</i> , 2018, 9, 1265.	3.5	11
84	Comparative in vitro cytotoxicity of the emerging <i>Fusarium</i> mycotoxins beauvericin and enniatins to porcine intestinal epithelial cells. <i>Food and Chemical Toxicology</i> , 2018, 121, 566-572.	3.6	20
85	Development and validation of an LC-MS/MS method for the simultaneous determination of citrinin and ochratoxin a in a variety of feed and foodstuffs. <i>Journal of Chromatography A</i> , 2018, 1580, 100-109.	3.7	47
86	Clinical impact of deoxynivalenol, 3-acetyl-deoxynivalenol and 15-acetyl-deoxynivalenol on the severity of an experimental <i>Mycoplasma hyopneumoniae</i> infection in pigs. <i>BMC Veterinary Research</i> , 2018, 14, 190.	1.9	5
87	Population Pharmacokinetic Modeling of a Desmopressin Oral Lyophilisate in Growing Piglets as a Model for the Pediatric Population. <i>Frontiers in Pharmacology</i> , 2018, 9, 41.	3.5	17
88	The Ontogeny of Cytochrome P450 Enzyme Activity and Protein Abundance in Conventional Pigs in Support of Preclinical Pediatric Drug Research. <i>Frontiers in Pharmacology</i> , 2018, 9, 470.	3.5	35
89	<i>In vitro</i> model to assess the adsorption of oral veterinary drugs to mycotoxin binders in a feed- and aflatoxin B1-containing buffered matrix. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 1728-1738.	2.3	7
90	Chronic Dietary Intake of Enniatin B in Broiler Chickens Has Low Impact on Intestinal Morphometry and Hepatic Histology, and Shows Limited Transfer to Liver Tissue. <i>Toxins</i> , 2018, 10, 45.	3.4	11

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91	Development and Validation of a UPLC-MS/MS and UPLC-HR-MS Method for the Determination of Fumonisin B1 and Its Hydrolysed Metabolites and Fumonisin B2 in Broiler Chicken Plasma. <i>Toxins</i> , 2018, 10, 62.	3.4	18
92	In vivo contribution of deoxynivalenol-3- β -D-glucoside to deoxynivalenol exposure in broiler chickens and pigs: oral bioavailability, hydrolysis and toxicokinetics. <i>Archives of Toxicology</i> , 2017, 91, 699-712.	4.2	75
93	Impact of Fusarium mycotoxins on hepatic and intestinal mRNA expression of cytochrome P450 enzymes and drug transporters, and on the pharmacokinetics of oral enrofloxacin in broiler chickens. <i>Food and Chemical Toxicology</i> , 2017, 101, 75-83.	3.6	35
94	Biotransformation of the mycotoxin enniatin B1 in pigs: A comparative in vitro and in vivo approach. <i>Food and Chemical Toxicology</i> , 2017, 105, 506-517.	3.6	17
95	T-2 Toxin-3 β -glucoside in Broiler Chickens: Toxicokinetics, Absolute Oral Bioavailability, and in Vivo Hydrolysis. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 4797-4803.	5.2	15
96	Influence of mycotoxin binders on the oral bioavailability of tylosin, doxycycline, diclazuril, and salinomycin in fed broiler chickens. <i>Poultry Science</i> , 2017, 96, 2137-2144.	3.4	9
97	Repetitive urine and blood sampling in neonatal and weaned piglets for pharmacokinetic and pharmacodynamic modelling in drug discovery: a pilot study. <i>Laboratory Animals</i> , 2017, 51, 498-508.	1.0	22
98	Comparative population pharmacokinetics and absolute oral bioavailability of COX-2 selective inhibitors celecoxib, mavacoxib and meloxicam in cockatiels (<i>Nymphicus hollandicus</i>). <i>Scientific Reports</i> , 2017, 7, 12043.	3.3	20
99	Role of mycotoxins in herds with and without problems with tail necrosis in neonatal pigs. <i>Veterinary Record</i> , 2017, 181, 539-539.	0.3	19
100	Effect of administration route and dose alteration on sulfadiazine-trimethoprim plasma and intestinal concentrations in pigs. <i>International Journal of Antimicrobial Agents</i> , 2017, 50, 707-714.	2.5	10
101	Selection and transfer of an Inc11-tet(A) plasmid of <i>Escherichia coli</i> in an ex vivo model of the porcine caecum at doxycycline concentrations caused by crosscontaminated feed. <i>Journal of Applied Microbiology</i> , 2017, 123, 1312-1320.	3.1	5
102	Veterinary Drug Residues in Foods. , 2017, , 117-153.		14
103	Feed contamination with Fusarium mycotoxins induces a corticosterone stress response in broiler chickens. <i>Poultry Science</i> , 2017, 96, 14-17.	3.4	11
104	Emerging Fusarium and Alternaria Mycotoxins: Occurrence, Toxicity and Toxicokinetics. <i>Toxins</i> , 2017, 9, 228.	3.4	211
105	Pharmacokinetic and urinary profiling reveals the prednisolone/cortisol ratio as a valid biomarker for prednisolone administration. <i>BMC Veterinary Research</i> , 2017, 13, 236.	1.9	2
106	Residues of chlortetracycline, doxycycline and sulfadiazine-trimethoprim in intestinal content and feces of pigs due to cross-contamination of feed. <i>BMC Veterinary Research</i> , 2016, 12, 209.	1.9	24
107	Pharmacokinetics of intravenously and orally administered sotalol hydrochloride in horses and effects on surface electrocardiogram and left ventricular systolic function. <i>Veterinary Journal</i> , 2016, 208, 60-64.	1.7	13
108	Efficacy of gamithromycin against <i>Ornithobacterium rhinotracheale</i> in turkey poult pre-infected with avian metapneumovirus. <i>Avian Pathology</i> , 2016, 45, 545-551.	2.0	4

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109	GLP principles and their role in supporting pharmacokinetic and residue depletion studies for drug registration and licensing. <i>Drug Testing and Analysis</i> , 2016, 8, 572-577.	2.6	3
110	Evaluation of Cystatin C for the Detection of Chronic Kidney Disease in Cats. <i>Journal of Veterinary Internal Medicine</i> , 2016, 30, 1074-1082.	1.6	17
111	Comparative Oral Bioavailability, Toxicokinetics, and Biotransformation of Enniatin B1 and Enniatin B in Broiler Chickens. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 7259-7264.	5.2	32
112	Comparative inÂvitro cytotoxicity of modified deoxynivalenol on porcine intestinal epithelial cells. <i>Food and Chemical Toxicology</i> , 2016, 95, 103-109.	3.6	55
113	Immunomodulatory properties of gamithromycin and ketoprofen in lipopolysaccharide-challenged calves with emphasis on the acute-phase response. <i>Veterinary Immunology and Immunopathology</i> , 2016, 171, 28-37.	1.2	11
114	Influence of Mycotoxin Binders on the Oral Bioavailability of Doxycycline in Pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 2120-2126.	5.2	9
115	Metabolic fingerprinting reveals a novel candidate biomarker for prednisolone treatment in cattle. <i>Metabolomics</i> , 2016, 12, 1.	3.0	111
116	The Impact of Deoxynivalenol on Pigeon Health: Occurrence in Feed, Toxicokinetics and Interaction with Salmonellosis. <i>PLoS ONE</i> , 2016, 11, e0168205.	2.5	7
117	The Potential Use of Piglets as Human Pediatric Surrogate for Preclinical Pharmacokinetic and Pharmacodynamic Drug Testing. <i>Current Pharmaceutical Design</i> , 2016, 22, 4069-4085.	1.9	42
118	The impact of stress on the prevalence of prednisolone in bovine urine: A metabolic fingerprinting approach. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 154, 206-216.	2.5	8
119	Toxicokinetic study and oral bioavailability of deoxynivalenol in turkey poults, and comparative biotransformation between broilers and turkeys. <i>World Mycotoxin Journal</i> , 2015, 8, 533-539.	1.4	28
120	Novel insights into relationships between egg corticosterone and timing of breeding revealed by LCâ€MS/MS. <i>Journal of Avian Biology</i> , 2015, 46, 643-647.	1.2	11
121	Comparative Pharmacokinetics and Allometric Scaling of Carboplatin in Different Avian Species. <i>PLoS ONE</i> , 2015, 10, e0134177.	2.5	13
122	Characterization of 27 Mycotoxin Binders and the Relation with in Vitro Zearalenone Adsorption at a Single Concentration. <i>Toxins</i> , 2015, 7, 21-33.	3.4	51
123	Mycotoxins Deoxynivalenol and Fumonisin Alter the Extrinsic Component of Intestinal Barrier in Broiler Chickens. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 10846-10855.	5.2	71
124	Modulation by gamithromycin and ketoprofen of in vitro and in vivo porcine lipopolysaccharide-induced inflammation. <i>Veterinary Immunology and Immunopathology</i> , 2015, 168, 211-222.	1.2	28
125	Pharmacokinetic and pharmacodynamic properties of gamithromycin in turkey poults with respect to <i>Ornithobacterium rhinotracheale</i> . <i>Poultry Science</i> , 2015, 94, 2066-2074.	3.4	8
126	Fumonisin affect the intestinal microbial homeostasis in broiler chickens, predisposing to necrotic enteritis. <i>Veterinary Research</i> , 2015, 46, 98.	3.0	69

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127	Simplified methods for estimating glomerular filtration rate in cats and for detection of cats with low or borderline glomerular filtration rate. <i>Journal of Feline Medicine and Surgery</i> , 2015, 17, 889-900.	1.6	15
128	Enantioselective pharmacokinetics of ketoprofen in calves after intramuscular administration of a racemic mixture. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015, 38, 410-413.	1.3	9
129	Quantification of ketamine and norketamine in bovine plasma by liquid chromatography-tandem mass spectrometry. <i>Journal of the Iranian Chemical Society</i> , 2015, 12, 1357-1362.	2.2	2
130	Effects of Xylo-Oligosaccharides on Broiler Chicken Performance and Microbiota. <i>Applied and Environmental Microbiology</i> , 2015, 81, 5880-5888.	3.1	184
131	Multiplex analysis of pro-inflammatory cytokines in serum of <i>Actinobacillus pleuropneumoniae</i> -infected pigs. <i>Research in Veterinary Science</i> , 2015, 102, 45-48.	1.9	10
132	In Vitro Adsorption and in Vivo Pharmacokinetic Interaction between Doxycycline and Frequently Used Mycotoxin Binders in Broiler Chickens. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 4370-4375.	5.2	15
133	Chronic Exposure to Deoxynivalenol Has No Influence on the Oral Bioavailability of Fumonisin B1 in Broiler Chickens. <i>Toxins</i> , 2015, 7, 560-571.	3.4	16
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