Xingyuan Cao

List of Publications by Citations

57 papers	650 citations	16 h-index	22 g-index
59 ext. papers	776 ext. citations	3.2 avg, IF	3.52 L-index

#	Paper	IF	Citations
57	Development of an immunoaffinity column method using broad-specificity monoclonal antibodies for simultaneous extraction and cleanup of quinolone and sulfonamide antibiotics in animal muscle tissues. *Journal of Chromatography A*, **2008**, 1209, 1-9	4.5	64
56	High specific monoclonal antibody production and development of an ELISA method for monitoring T-2 toxin in rice. *Journal of Agricultural and Food Chemistry*, **2014**, 62, 1492-7	5.7	33
55	Metabolic pathways of T-2 toxin in in vivo and in vitro systems of Wistar rats. *Journal of Agricultural and Food Chemistry*, **2013**, 61, 9734-43	5.7	29
54	Molecular characterization of methicillin-resistant Staphylococcus aureus strains from pet animals and veterinary staff in China. *Veterinary Journal*, **2011**, 190, e125-e129	2.5	28
53	In vitro and in vivo metabolism of ochratoxin A: a comparative study using ultra-performance liquid chromatography-quadrupole/time-of-flight hybrid mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 3579-89	4.4	27
52	Evaluation of dermal irritation and skin sensitization due to vitacoxib. *Toxicology Reports*, **2017**, 4, 287-290	4.8	25
51	Genetic diversity of cultivated and wild tomatoes revealed by morphological traits and SSR markers. *Genetics and Molecular Research*, **2015**, 14, 13868-79	1.2	22
50	Simultaneous Determination of Type A and B Trichothecenes and Their Main Metabolites in Food Animal Tissues by Ultraperformance Liquid Chromatography Coupled with Triple-Quadrupole Mass Spectrometry. *Journal of Agricultural and Food Chemistry*, **2015**, 63, 8592-600	5.7	21
49	Determination of deoxynivalenol in cereals by immunoaffinity clean-up and ultra-high performance liquid chromatography tandem mass spectrometry. *Methods*, **2012**, 56, 192-7	4.6	21
48	In vitro and in vivo metabolite profiling of valnemulin using ultraperformance liquid chromatography-quadrupole/time-of-flight hybrid mass spectrometry. *Journal of Agricultural and Food Chemistry*, **2014**, 62, 9201-10	5.7	20
47	Comparative metabolism of Lappaconitine in rat and human liver microsomes and in vivo of rat using ultra high-performance liquid chromatography-quadrupole/time-of-flight mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*, **2015**, 110, 1-11	3.5	18
46	Determination of vitacoxib, a novel COX-2 inhibitor, in equine plasma using UPLC-MS/MS detection: Development and validation of new methodology. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2017**, 1061-1062, 270-274	3.2	18
45	Development of an enzyme-linked immunosorbent assay for the detection of florfenicol in fish feed. *Food and Agricultural Immunology*, **2009**, 20, 57-65	2.9	18
44	Unraveling the in vitro and in vivo metabolism of diacetoxyscirpenol in various animal species and human using ultrahigh-performance liquid chromatography-quadrupole/time-of-flight hybrid mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 8571-83	4.4	17
43	Safety assessment of vitacoxib: Acute and 90-day sub-chronic oral toxicity studies. *Regulatory Toxicology and Pharmacology*, **2017**, 86, 49-58	3.4	16
42	Simultaneous determination of chloramphenicol and clenbuterol in milk with hybrid chemiluminescence immunoassays. *Analytical Methods*, **2014**, 6, 1021	3.2	16
41	Simultaneous determination of mequindox, quinocetone, and their major metabolites in chicken and pork by UPLC-MS/MS. *Food Chemistry*, **2014**, 160, 171-9	8.5	16

40	Experimentally induced monensin-resistant Eimeria tenella and membrane fluidity of sporozoites. *Veterinary Parasitology*, **2006**, 138, 186-93	2.8	16
39	Comprehensive Analysis of Tiamulin Metabolites in Various Species of Farm Animals Using Ultra-High-Performance Liquid Chromatography Coupled to Quadrupole/Time-of-Flight. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 199-207	5.7	15
38	A one-step chemiluminescence immunoassay for 20 fluoroquinolone residues in fish and shrimp based on a single chain Fv–alkaline phosphatase fusion protein. *Analytical Methods*, **2015**, 7, 9032-9039	3.2	15
37	Development of a highly sensitive chemiluminescence enzyme immunoassay using enhanced luminol as substrate. *Luminescence*, **2014**, 29, 301-6	2.5	15
36	Selection of anti-sulfadimidine specific ScFvs from a hybridoma cell by eukaryotic ribosome display. *PLoS ONE*, **2009**, 4, e6427	3.7	15
35	High-Sensitive Chemiluminescent ELISA Method Investigation for the Determination of Deoxynivalenol in Rice. *Food Analytical Methods*, **2015**, 8, 656-660	3.4	14
34	Simultaneous determination of type-A and type-B trichothecenes in rice by UPLC-MS/MS. *Analytical Methods*, **2012**, 4, 4077	3.2	10
33	Development of a chemiluminescent competitive indirect ELISA method procedure for the determination of gentamicin in milk. *Analytical Methods*, **2012**, 4, 2151	3.2	10
32	Acute, mutagenicity, teratogenicity and subchronic oral toxicity studies of diaveridine in rodents. *Environmental Toxicology and Pharmacology*, **2015**, 40, 660-70	5.8	9
31	Pharmacokinetic profile of Ceftiofur Hydrochloride Injection in lactating Holstein dairy cows. *Journal of Veterinary Pharmacology and Therapeutics*, **2018**, 41, 301-306	1.4	9
30	Unraveling the Metabolic Routes of Retapamulin: Insights into Drug Development of Pleuromutilins. *Antimicrobial Agents and Chemotherapy*, **2018**, 62,	5.9	8
29	Safety assessment of vitacoxib: 180-day chronic oral toxicity studies. *Regulatory Toxicology and Pharmacology*, **2018**, 95, 244-249	3.4	8
28	Analysis of mequindox and its two metabolites in swine liver by UPLC-MS/MS. *Analytical Methods*, **2012**, 4, 859	3.2	8
27	Approaches for the determination of florfenicol and thiamphenicol in pork using a chemiluminescent ELISA. *Analytical Methods*, **2015**, 7, 8386-8392	3.2	7
26	Pharmacokinetics of tildipirosin in beagle dogs. *Journal of Veterinary Pharmacology and Therapeutics*, **2018**, 41, e49-e52	1.4	7
25	Evaluation of pharmacokinetic properties of vitacoxib in fasted and fed horses. *Journal of Veterinary Pharmacology and Therapeutics*, **2018**, 41, 843-847	1.4	7
24	Mutagenicity and teratogenicity studies of vitacoxib in rats and mice. *Toxicology Reports*, **2018**, 5, 827-834	4.8	6
23	Nonlinear mixed-effects pharmacokinetic modeling of the novel COX-2 selective inhibitor vitacoxib in dogs. *Journal of Veterinary Pharmacology and Therapeutics*, **2019**, 42, 530-540	1.4	6

22	Development of a highly sensitive real-time immuno-PCR for the measurement of chloramphenicol in milk based on magnetic bead capturing. *Analytical Methods*, **2014**, 6, 9340-9347	3.2	6
21	Purification of Nine Sulfonamides from Chicken Tissues by Immunoaffinity Chromatography Using Two Monoclonal Antibodies. *Journal of AOAC INTERNATIONAL*, **2008**, 91, 1488-1493	1.7	6
20	A novel random amplified polymorphic DNA-based strategy for genetic diversity analysis and identification of tomatoes. *Genetics and Molecular Research*, **2015**, 14, 1650-61	1.2	6
19	Pharmacokinetics of altrenogest in gilts. *Journal of Veterinary Pharmacology and Therapeutics*, **2019**, 42, 660-664	1.4	5
18	Pharmacokinetics of the novel COX-2 selective inhibitor vitacoxib in cats: The effects of feeding and dose. *Journal of Veterinary Pharmacology and Therapeutics*, **2019**, 42, 294-299	1.4	4
17	Mixed immunoassay design for multiple chemical residues detection. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 3307-12	4.4	4
16	Influence of anti-FloR antibody on florfenicol accumulation in florfenicol-resistant Escherichia coli and enzyme-linked immunosorbent assay for detection of florfenicol-resistant E. coli isolates. *Journal of Clinical Microbiology*, **2006**, 44, 378-82	9.7	4
15	Simultaneous detection of forbidden chemical residues in milk using dual-label time-resolved reverse competitive chemiluminescent immunoassay based on amine group functionalized surface. *PLoS ONE*, **2014**, 9, e109509	3.7	4
14	Pharmacokinetics of vitacoxib in rabbits after intravenous and oral administration. *Journal of Veterinary Pharmacology and Therapeutics*, **2019**, 42, 368-371	1.4	4
13	Pharmacokinetics of valnemulin after intravenous, intramuscular, and oral administration in layer chickens. *Journal of Veterinary Pharmacology and Therapeutics*, **2017**, 40, 415-418	1.4	3
12	Pharmacokinetic Modeling of Ceftiofur Sodium Using Non-linear Mixed-Effects in Healthy Beagle Dogs. *Frontiers in Veterinary Science*, **2019**, 6, 363	3.1	2
11	Development and characterization of microsatellite markers via cross-species amplification of Paramisgurnus dabryanus. *Genetics and Molecular Research*, **2015**, 14, 5694-8	1.2	2
10	Pharmacokinetics of three formulations of vitacoxib in horses. *Journal of Veterinary Pharmacology and Therapeutics*, **2020**, 43, 364-368	1.4	1
9	Three Dimensional Quantitative Structure-Activity Relationships of Sulfonamides Binding Monoclonal Antibody by Comparative Molecular Field Analysis. *Nature Precedings*, **2008**,		1
8	Non-Linear Mixed-Effects Pharmacokinetic Modeling of the Novel COX-2 Selective Inhibitor Vitacoxib in Cats. *Frontiers in Veterinary Science*, **2020**, 7, 554033	3.1	1
7	Pharmacokinetics of neomycin sulfate after intravenous and oral administrations in swine. *Journal of Veterinary Pharmacology and Therapeutics*, **2021**, 44, 850-853	1.4	1
6	The pharmacokinetics of moxidectin following intravenous and topical administration to swine. *Journal of Veterinary Pharmacology and Therapeutics*, **2019**, 42, 111-115	1.4	1
5	The bioavailability and pharmacokinetics of an amoxicillin-clavulanic acid granular combination after intravenous and oral administration in swine. *Journal of Veterinary Pharmacology and Therapeutics*, **2021**, 44, 126-130	1.4	1

4	The pharmacokinetics of buserelin after intramuscular administration in pigs and cows.. *BMC Veterinary Research*, **2022**, 18, 136	2.7	0
3	Genome-Wide Identification and Expression Profiling of Starch-Biosynthetic Genes in Common Wheat. *Russian Journal of Genetics*, **2020**, 56, 1445-1456	0.6	
2	Pharmacokinetics and bioavailability of carbetocin after intravenous and intramuscular administration in cows and gilts. *Journal of Veterinary Pharmacology and Therapeutics*, **2020**, 43, 237-240	1.4	
1	Pharmacokinetics, Tissue Distribution, Metabolism and Excretion of a Novel COX-2 Inhibitor, Vitacoxib, in Rats.. *Frontiers in Veterinary Science*, **2022**, 9, 884357	3.1	