

Zonghui Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,767
citations

361413

20
h-index

289244

40
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41
all docs

41
docs citations

41
times ranked

2065
citing authors

#	ARTICLE	IF	CITATIONS
1	The Evolution of Fluoroquinolone Resistance in Salmonella under Exposure to Sub-Inhibitory Concentration of Enrofloxacin. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12218.	4.1	15
2	Disposition of cyadox in domesticated cats following oral, intramuscular, and intravenous administration. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2020, 43, 97-107.	1.3	2
3	Molecular Characterization and Biological Function of a Novel LncRNA CRNG in Swine. <i>Frontiers in Pharmacology</i> , 2019, 10, 539.	3.5	7
4	Development of a Sensitive Monoclonal Antibody-Based Indirect Competitive Enzyme-Linked Immunosorbent Assay for the Determination of Monensin in Edible Chicken Tissues. <i>Food Analytical Methods</i> , 2019, 12, 1479-1486.	2.6	6
5	Mequindox induces apoptosis, DNA damage, and carcinogenicity in Wistar rats. <i>Food and Chemical Toxicology</i> , 2019, 127, 270-279.	3.6	8
6	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. <i>Food Chemistry</i> , 2019, 286, 234-240.	8.2	37
7	Cyadox regulates the transcription of different genes by activation of the PI3K signaling pathway in porcine primary hepatocytes. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 7623-7634.	2.6	5
8	Differentially expressed genes in response to cyadox in swine liver analyzed by DDRT-PCR. <i>Research in Veterinary Science</i> , 2018, 118, 72-78.	1.9	9
9	Analysis of Major Components of Bacitracin, Colistin and Virginiamycin in Feed Using Matrix Solid-phase Dispersion Extraction by Liquid Chromatography-electrospray Ionization Tandem Mass Spectrometry. <i>Journal of Chromatographic Science</i> , 2018, 56, 285-291.	1.4	12
10	Signaling pathways involved in the expression of SZNF and the target genes binding with SZNF related to cyadox. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 1879-1893.	5.6	7
11	NADPH Oxidation and ROS-Mediated AKT/FOXO1 and AKT/P53 Pathways Are Involved in Growth Promotion and Cytotoxicity of Cyadox. <i>Chemical Research in Toxicology</i> , 2018, 31, 1219-1229.	3.3	13
12	Methods for the detection of reactive oxygen species. <i>Analytical Methods</i> , 2018, 10, 4625-4638.	2.7	155
13	The Reproductive Toxicity of Mequindox in a Two-Generation Study in Wistar Rats. <i>Frontiers in Pharmacology</i> , 2018, 9, 870.	3.5	10
14	A Convenient and Sensitive LC-MS/MS Method for Simultaneous Determination of Carbadox- and Olaquinox-Related Residues in Swine Muscle and Liver Tissues. <i>Journal of Analytical Methods in Chemistry</i> , 2018, 2018, 1-9.	1.6	2
15	Mequindox Induced Genotoxicity and Carcinogenicity in Mice. <i>Frontiers in Pharmacology</i> , 2018, 9, 361.	3.5	11
16	Mequindox-Induced Kidney Toxicity Is Associated With Oxidative Stress and Apoptosis in the Mouse. <i>Frontiers in Pharmacology</i> , 2018, 9, 436.	3.5	5
17	Toxic metabolites, MAPK and Nrf2/Keap1 signaling pathways involved in oxidative toxicity in mice liver after chronic exposure to Mequindox. <i>Scientific Reports</i> , 2017, 7, 41854.	3.3	36
18	Magnetic solid-phase extraction based on carbon nanotubes for the determination of polyether antibiotic and sulfatriazine drug residues in animal food with LC-MS/MS. <i>Journal of Separation Science</i> , 2017, 40, 2416-2430.	2.5	23

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19	A two-year dietary carcinogenicity study of cyadox in Sprague-Dawley rats. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 87, 9-22.	2.7	14
20	Toxic metabolites, Sertoli cells and Y chromosome related genes are potentially linked to the reproductive toxicity induced by mequindox. <i>Oncotarget</i> , 2017, 8, 87512-87528.	1.8	21
21	Mechanisms of Antibacterial Action of Quinoxaline 1,4-di-N-oxides against <i>Clostridium perfringens</i> and <i>Brachyspira hyodysenteriae</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1948.	3.5	23
22	Quinoxaline 1,4-di-N-Oxides: Biological Activities and Mechanisms of Actions. <i>Frontiers in Pharmacology</i> , 2016, 7, 64.	3.5	80
23	Pharmacokinetics and Metabolism of Cyadox and Its Main Metabolites in Beagle Dogs Following Oral, Intramuscular, and Intravenous Administration. <i>Frontiers in Pharmacology</i> , 2016, 7, 236.	3.5	4
24	Further investigations into the genotoxicity of quinoxaline-di-N-oxides and their primary metabolites. <i>Food and Chemical Toxicology</i> , 2016, 93, 145-157.	3.6	40
25	In vitro antimicrobial activities of animal-used quinoxaline 1,4-di-N-oxides against mycobacteria, mycoplasma and fungi. <i>BMC Veterinary Research</i> , 2016, 12, 186.	1.9	21
26	Aqueous two-phase system (ATPS): an overview and advances in its applications. <i>Biological Procedures Online</i> , 2016, 18, 18.	2.9	531
27	Targeted analysis and determination of β -agonists, hormones, glucocorticoid and psychiatric drugs in feed by liquid chromatography with electrospray ionization tandem mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 2584-2594.	2.5	12
28	Evaluation of the safety of primary metabolites of cyadox: Acute and sub-chronic toxicology studies and genotoxicity assessment. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 74, 123-136.	2.7	16
29	Genotoxic risk of quinocetone and its possible mechanism in in vitro studies. <i>Toxicology Research</i> , 2016, 5, 446-460.	2.1	9
30	Simultaneous determination of seven gestagens in kidney fats by Ultra Performance Convergence Chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 988, 143-148.	2.3	11
31	Mechanism of adrenocortical toxicity induced by quinocetone and its bidesoxy-quinocetone metabolite in porcine adrenocortical cells in vitro. <i>Food and Chemical Toxicology</i> , 2015, 84, 115-124.	3.6	29
32	Systematic and Molecular Basis of the Antibacterial Action of Quinoxaline 1,4-Di-N-Oxides against <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2015, 10, e0136450.	2.5	55
33	Evaluation of matrix solid-phase dispersion (MSPD) extraction for multi-fenicol's determination in shrimp and fish by liquid chromatography-electrospray ionisation tandem mass spectrometry. <i>Food Chemistry</i> , 2014, 150, 500-506.	8.2	44
34	Genotoxicity of quinocetone, cyadox and olaquindox in vitro and in vivo. <i>Food and Chemical Toxicology</i> , 2013, 59, 207-214.	3.6	86
35	Metabolic pathways of trichothecenes. <i>Drug Metabolism Reviews</i> , 2010, 42, 250-267.	3.6	161
36	Transcriptional Profile of CYP3As and Functional Expression of CYP3A29 from Piglets. , 2009, , .		0

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37	Metabolism of cyadox in rat, chicken and pig liver microsomes and identification of metabolites by accurate mass measurements using electrospray ionization hybrid ion trap/time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 2026-2034.	1.5	48
38	Development of high performance liquid chromatographic methods for the determination of cyadox and its metabolites in plasma and tissues of chicken. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 874, 7-14.	2.3	43
39	Development of a high-performance liquid chromatography method for the simultaneous quantification of quinoxaline-2-carboxylic acid and methyl-3-quinoxaline-2-carboxylic acid in animal tissues. <i>Journal of Chromatography A</i> , 2007, 1146, 1-7.	3.7	84
40	Subchronic oral toxicity study with cyadox in Wistar rats. <i>Food and Chemical Toxicology</i> , 2006, 44, 36-41.	3.6	51
41	Development of HPLC Methods for the Determination of Cyadox and Its Main Metabolites in Goat Tissues. <i>Analytical Sciences</i> , 2005, 21, 1495-1499.	1.6	21