

Arturo AnadÃ“n

List of Publications by Year in descending order

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115
papers

3,170
citations

182225

30
h-index

198040

52
g-index

123
all docs

123
docs citations

123
times ranked

4375
citing authors

#	ARTICLE	IF	CITATIONS
1	A Janus-face of the RASSF4 signal in cell fate. <i>Journal of Cellular Physiology</i> , 2022, 237, 466-479.	2.0	1
2	Oxidative Stress and Metabolism: A Mechanistic Insight for Glyphosate Toxicology. <i>Annual Review of Pharmacology and Toxicology</i> , 2022, 62, 617-639.	4.2	34
3	Mitochondria as an important target of metformin: The mechanism of action, toxic and side effects, and new therapeutic applications. <i>Pharmacological Research</i> , 2022, 177, 106114.	3.1	48
4	Drugs and chemical contaminants in human breast milk. , 2022, , 1019-1052.		0
5	Cigarette and E-cigarettes smoking and reproductive and developmental toxicity. , 2022, , 395-420.		2
6	Neonicotinoids: mechanisms of systemic toxicity based on oxidative stress-mitochondrial damage. <i>Archives of Toxicology</i> , 2022, 96, 1493-1520.	1.9	25
7	Nicotinamide N-methyltransferase protects against deoxynivalenol-induced growth inhibition by suppressing pro-inflammatory cytokine expression. <i>Food and Chemical Toxicology</i> , 2022, 163, 112969.	1.8	5
8	Targeting peroxisome proliferator-activated receptors: A new strategy for the treatment of cardiac fibrosis. , 2021, 219, 107702.		8
9	Ciguatera toxins: toxicity and food safety. , 2021, , 579-599.		0
10	Evaluation and regulation of food supplements: European perspective. , 2021, , 1241-1271.		2
11	Interactions between nutraceuticals/nutrients and nutrients and therapeutic drugs. , 2021, , 1175-1197.		5
12	Cannabis, Cannabidiol Oils and Tetrahydrocannabinol "What Do Veterinarians Need to Know?. <i>Animals</i> , 2021, 11, 892.	1.0	22
13	Environmental impact assessment of COVID-19 therapeutic solutions. A prospective analysis. <i>Science of the Total Environment</i> , 2021, 778, 146257.	3.9	35
14	Synthetic phenolic antioxidants: Metabolism, hazards and mechanism of action. <i>Food Chemistry</i> , 2021, 353, 129488.	4.2	184
15	MS4A3-HSP27 target pathway reveals potential for haematopoietic disorder treatment in alimentary toxic aleukia. <i>Cell Biology and Toxicology</i> , 2021, , 1.	2.4	2
16	Brown marine algae <i>Gongolaria baccata</i> extract protects Caco-2 cells from oxidative stress induced by tert-butyl hydroperoxide. <i>Food and Chemical Toxicology</i> , 2021, 156, 112460.	1.8	12
17	Depletion of oxytetracycline plus epi-oxytetracycline residues in rainbow trout (<i>Oncorhynchus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10737154.	1.7	2
18	A proposed esteric-like effect for the slowdown of enrofloxacin antibiotic metabolism by ciprofloxacin, and its mechanism. <i>Chemosphere</i> , 2021, 284, 131347.	4.2	10

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19	Prebiotics: safety and toxicity considerations. , 2021, , 1061-1080.		0
20	Melatonin: a safe nutraceutical and clinical agent. , 2021, , 537-553.		1
21	Statins, toxicity, and their adverse effects via oxidative imbalance. , 2021, , 263-280.		0
22	Probiotics: safety and toxicity considerations. , 2021, , 1081-1105.		7
23	The role of long noncoding RNA in lipid, cholesterol, and glucose metabolism and treatment of obesity syndrome. Medicinal Research Reviews, 2021, 41, 1751-1774.	5.0	26
24	Interaction Between Florfenicol and Doxycycline Involving Cytochrome P450 3A in Goats (Capra Tj ETQq0 0 0 rgBT/Overlock 4 Tf 50 5	0.9	4
25	The NO-dependent caspase signaling pathway is a target of deoxynivalenol in growth inhibition in vitro. Food and Chemical Toxicology, 2021, 158, 112629.	1.8	1
26	Food Toxicology. , 2021, , 243-266.		0
27	Toxicity induced by ciprofloxacin and enrofloxacin: oxidative stress and metabolism. Critical Reviews in Toxicology, 2021, 51, 754-787.	1.9	24
28	Neurotoxicity of Neonicotinoids. Advances in Neurotoxicology, 2020, 4, 167-207.	0.7	21
29	Use of human neuroblastoma SH-SY5Y cells to evaluate glyphosate-induced effects on oxidative stress, neuronal development and cell death signaling pathways. Environment International, 2020, 135, 105414.	4.8	109
30	Epigenetic upregulation of galanin-like peptide mediates deoxynivalenol induced-growth inhibition in pituitary cells. Toxicology and Applied Pharmacology, 2020, 403, 115166.	1.3	6
31	Protective effects of culture extracts (CB08035-SCA and CB08035-SYP) from Marinobacter hydrocarbonoclasticus (strain CB08035) against oxidant-induced stress in human colon carcinoma Caco-2Ácells. Food and Chemical Toxicology, 2020, 145, 111671.	1.8	1
32	A novel strategy for the diagnosis, prognosis, treatment, and chemoresistance of hepatocellular carcinoma: DNA methylation. Medicinal Research Reviews, 2020, 40, 1973-2018.	5.0	40
33	The effects of combined intravenous cocaine and ethanol self-administration on the behavioral and amino acid profile of young adult rats. PLoS ONE, 2020, 15, e0227044.	1.1	5
34	Chemical weapons of mass destruction and terrorism: a threat analysis. , 2020, , 79-94.		2
35	Onchidal and fasciculins. , 2020, , 455-466.		1
36	Toxicologic evidence of developmental neurotoxicity of Type II pyrethroids cyfluthrin and alpha-cypermethrin in SH-SY5Y cells. Food and Chemical Toxicology, 2020, 137, 111173.	1.8	26

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37	Beauvericin: The beauty and the beast. <i>Environmental Toxicology and Pharmacology</i> , 2020, 75, 103349.	2.0	30
38	Pharmacokinetics, Pharmacodynamic Efficacy Prediction Indexes and Monte Carlo Simulations of Enrofloxacin Hydrochloride Against Bacterial Strains That Induce Common Clinical Diseases in Broiler Chickens. <i>Frontiers in Veterinary Science</i> , 2020, 7, 606872.	0.9	3
39	Oxidative stress and related gene expression effects of cyfluthrin in human neuroblastoma SH-SY5Y cells: Protective effect of melatonin. <i>Environmental Research</i> , 2019, 177, 108579.	3.7	23
40	Palm Oil on the Edge. <i>Nutrients</i> , 2019, 11, 2008.	1.7	49
41	Development and validation of an analytical method for the determination of 17 β -estradiol residues in muscle of tambaqui (<i>Colossoma macropomum</i> Cuvier, 1818) by LC-MS/MS and its application in samples from a fish sexual reversion study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1128, 121774.	1.2	2
42	Enzymes in Feed and Animal Health. , 2019, , 303-313.		5
43	Prebiotics and Probiotics in Feed and Animal Health. , 2019, , 261-285.		14
44	Nutraceuticals Used as Antibacterial Alternatives in Animal Health and Disease. , 2019, , 315-343.		1
45	Optimization of florfenicol dose against <i>Piscirickettsia salmonis</i> in <i>Salmo salar</i> through PK/PD studies. <i>PLoS ONE</i> , 2019, 14, e0215174.	1.1	19
46	Biomarkers of Drug Toxicity and Safety Evaluation. , 2019, , 655-691.		5
47	Deltamethrin toxicity: A review of oxidative stress and metabolism. <i>Environmental Research</i> , 2019, 170, 260-281.	3.7	128
48	Statins: Adverse reactions, oxidative stress and metabolic interactions. , 2019, 195, 54-84.		87
49	Pyrethroid insecticide lambda-cyhalothrin induces hepatic cytochrome P450 enzymes, oxidative stress and apoptosis in rats. <i>Science of the Total Environment</i> , 2018, 631-632, 1371-1382.	3.9	46
50	Mechanism of Neonicotinoid Toxicity: Impact on Oxidative Stress and Metabolism. <i>Annual Review of Pharmacology and Toxicology</i> , 2018, 58, 471-507.	4.2	195
51	Neurotransmitter changes in rat brain regions following glyphosate exposure. <i>Environmental Research</i> , 2018, 161, 212-219.	3.7	72
52	Acute and repeated dose (28 days) oral safety studies of phosphatidyl-hydroxytyrosol. <i>Food and Chemical Toxicology</i> , 2018, 120, 462-471.	1.8	5
53	Ibero-American Consensus on Low- and No-Calorie Sweeteners: Safety, Nutritional Aspects and Benefits in Food and Beverages. <i>Nutrients</i> , 2018, 10, 818.	1.7	49
54	Regulatory Aspects for the Drugs and Chemicals Used in Food-Producing Animals in the European Union. , 2018, , 103-131.		6

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55	Poisonous Plants of the Europe. , 2018, , 891-909.		3
56	Bioavailability and nervous tissue distribution of pyrethroid insecticide cyfluthrin in rats. Food and Chemical Toxicology, 2018, 118, 220-226.	1.8	25
57	Tissue residue depletion of moxidectin in lambs (<i>Ovis aries</i>) following subcutaneous administration. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 1278-1285.	1.1	3
58	Fipronil. , 2018, , 533-538.		17
59	Induction of cytochrome P450-dependent mixed function oxidase activities and peroxisome proliferation by chloramine-T in male rat liver. Food and Chemical Toxicology, 2017, 106, 86-91.	1.8	3
60	Tissue depletion study of enrofloxacin and its metabolite ciprofloxacin in broiler chickens after oral administration of a new veterinary pharmaceutical formulation containing enrofloxacin. Food and Chemical Toxicology, 2017, 105, 8-13.	1.8	14
61	Paracetamol: overdose-induced oxidative stress toxicity, metabolism, and protective effects of various compounds in vivo and in vitro. Drug Metabolism Reviews, 2017, 49, 395-437.	1.5	74
62	Absorption Kinetics of the Main Conjugated Linoleic Acid Isomers in Commercial-Rich Oil after Oral Administration in Rats. Journal of Agricultural and Food Chemistry, 2017, 65, 7680-7686.	2.4	2
63	Oxidative stress and gene expression profiling of cell death pathways in alpha-cypermethrin-treated SH-SY5Y cells. Archives of Toxicology, 2017, 91, 2151-2164.	1.9	42
64	Association between pyrethroid exposure and neurodegenerative disorders. Toxicology Letters, 2017, 280, S148.	0.4	0
65	Oral Bioavailability and Plasma Disposition of Pefloxacin in Healthy Broiler Chickens. Frontiers in Veterinary Science, 2017, 4, 77.	0.9	2
66	Drugs and Chemical Contaminants in Human Breast Milk. , 2017, , 67-98.		7
67	Prebiotics. , 2016, , 757-775.		11
68	Interactions between Nutraceuticals/Nutrients and Therapeutic Drugs. , 2016, , 855-874.		6
69	Perspectives in Veterinary Pharmacology and Toxicology. Frontiers in Veterinary Science, 2016, 3, 82.	0.9	7
70	Mycotoxins modify the barrier function of Caco-2 cells through differential gene expression of specific claudin isoforms: Protective effect of illite mineral clay. Toxicology, 2016, 353-354, 21-33.	2.0	80
71	Permethrin-induced oxidative stress and toxicity and metabolism. A review. Environmental Research, 2016, 149, 86-104.	3.7	180
72	Fipronil insecticide toxicology: oxidative stress and metabolism. Critical Reviews in Toxicology, 2016, 46, 876-899.	1.9	127

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73	Evaluation and Regulation of Food Supplements. , 2016, , 895-923.		1
74	The critical role of oxidative stress in the toxicity and metabolism of quinoxaline 1,4-di-N-oxides in vitro and in vivo. Drug Metabolism Reviews, 2016, 48, 159-182.	1.5	36
75	Prebiotics and Probiotics. , 2016, , 3-23.		24
76	Fumonisin: oxidative stress-mediated toxicity and metabolism in vivo and in vitro. Archives of Toxicology, 2016, 90, 81-101.	1.9	83
77	Onchidal and Fasciculins. , 2015, , 411-420.		1
78	Chemical Weapons of Mass Destruction and Terrorism. , 2015, , 55-65.		7
79	Oral Absorption and Disposition of alpha-Linolenic, Rumenic and Vaccenic Acids After Administration as a Naturally Enriched Goat Dairy Fat to Rats. Lipids, 2015, 50, 659-666.	0.7	8
80	Biomarkers in drug safety evaluation. , 2014, , 923-945.		5
81	Bioavailability and Kinetics of the Antihypertensive Casein-Derived Peptide HLPLP in Rats. Journal of Agricultural and Food Chemistry, 2014, 62, 11869-11875.	2.4	60
82	The role of <i>in vitro</i> methods as alternatives to animals in toxicity testing. Expert Opinion on Drug Metabolism and Toxicology, 2014, 10, 67-79.	1.5	41
83	The food contaminants aflatoxin B1, fumonisin B1, ocratoxina, T-2 toxin and deoxynivalenol decrease intestinal barrier permeability in human Caco-2 cells. Protector role of clay additives. Toxicology Letters, 2014, 229, S170.	0.4	0
84	Characterisation of an aerosol exposure system to evaluate the genotoxicity of whole mainstream cigarette smoke using the <i>in vitro</i> γ -H2AX assay by high content screening. BMC Pharmacology & Toxicology, 2014, 15, 41.	1.0	15
85	Biomarkers of drug toxicity. , 2014, , 593-607.		4
86	In vitro relative potency of Type II pyrethroids and mixture dose-effects on oxidative stress cytotoxicity in SH-SY5Y, HepG2 and Caco-2 human cell lines. Toxicology Letters, 2014, 229, S45.	0.4	0
87	Assessment of the <i>in vitro</i> γ -H2AX assay by High Content Screening as a novel genotoxicity test. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2013, 757, 158-166.	0.9	38
88	Genotoxicity evaluation of individual cigarette smoke toxicants using the <i>in vitro</i> γ -H2AX assay by High Content Screening. Toxicology Letters, 2013, 223, 81-87.	0.4	14
89	Pyrethrins and Synthetic Pyrethroids: Use in Veterinary Medicine. , 2013, , 4061-4086.		10
90	Regulation and Guidelines of Probiotics and Prebiotics. , 2013, , 91-113.		3

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91	Cytotoxicity induced by deltamethrin and its metabolites in SH-SY5Y cells can be differentially prevented by selected antioxidants. <i>Toxicology in Vitro</i> , 2012, 26, 823-830.	1.1	63
92	Plasma disposition and tissue depletion of chlortetracycline in the food producing animals, chickens for fattening. <i>Food and Chemical Toxicology</i> , 2012, 50, 2714-2721.	1.8	20
93	^3H 2AX as a novel endpoint to detect DNA damage: Applications for the assessment of the in vitro genotoxicity of cigarette smoke. <i>Toxicology in Vitro</i> , 2012, 26, 1075-1086.	1.1	65
94	Regulatory aspects for the drugs and chemicals used in food-producing animals in the European Union. , 2012, , 135-155.		7
95	Fipronil. , 2012, , 604-608.		8
96	Poisonous plants of Europe. , 2012, , 1080-1094.		5
97	Transfer of drugs and xenobiotics through milk. , 2011, , 57-71.		7
98	A 4-Week Repeated Oral Dose Toxicity Study of Dairy Fat Naturally Enriched in Vaccenic, Rumenic and \pm -Linolenic Acids in Rats. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 8036-8046.	2.4	15
99	Plasma disposition and tissue depletion of difloxacin and its metabolite sarafloxacin in the food producing animals, chickens for fattening. <i>Food and Chemical Toxicology</i> , 2011, 49, 441-449.	1.8	20
100	Assessment of Prebiotics and Probiotics. , 2010, , 19-41.		8
101	Acute oral safety study of dairy fat rich in trans-10 C18:1 versus vaccenic plus conjugated linoleic acid in rats. <i>Food and Chemical Toxicology</i> , 2010, 48, 591-598.	1.8	26
102	Highlights of the XII International Congress on Toxicology, 19 th - 23 July 2010, Barcelona, Spain. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2010, 6, 1445-1450.	1.5	0
103	Onchidal and Fasciculins. , 2009, , 143-152.		2
104	Neurotoxicological effects of the herbicide glyphosate. <i>Toxicology Letters</i> , 2008, 180, S164.	0.4	5
105	Disposition of pyrethroids in the rat central nervous system. <i>Toxicology Letters</i> , 2008, 180, S93.	0.4	0
106	Risk assessment of coccidiostats after cross-contamination of feed: Implications for animal and human health. <i>Toxicology Letters</i> , 2008, 180, S61.	0.4	3
107	Plasma and Tissue Depletion of Florfenicol and Florfenicol-amine in Chickens. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 11049-11056.	2.4	85
108	Acute Oral Safety Study of Rosemary Extracts in Rats. <i>Journal of Food Protection</i> , 2008, 71, 790-795.	0.8	43

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109	Comparative Hazard Assessment of the Substances Used for Production and Control of Coca and Poppy in Colombia. ACS Symposium Series, 2007, , 87-99.	0.5	21
110	Coca and Poppy Eradication in Colombia: Environmental and Human Health Assessment of Aerially Applied Glyphosate. Reviews of Environmental Contamination and Toxicology, 2007, 190, 43-125.	0.7	77
111	Probiotics for animal nutrition in the European Union. Regulation and safety assessment. Regulatory Toxicology and Pharmacology, 2006, 45, 91-95.	1.3	195
112	5-HT loss in rat brain by type II pyrethroid insecticides. Toxicology and Industrial Health, 2003, 19, 147-155.	0.6	37
113	Pharmacokinetic characteristics and tissue residues for marbofloxacin and its metabolite N-desmethyl-marbofloxacin in broiler chickens. American Journal of Veterinary Research, 2002, 63, 927-933.	0.3	55
114	Les fluoroquinolones : aspects pharmacologiques et toxicologiques. Bulletin De L'Academie Veterinaire De France, 1992, 145, 207.	0.0	2
115	Les résidus de substances chimiques dans les aliments d'origine animale en Espagne. Bulletin De L'Academie Veterinaire De France, 1990, 143, 245.	0.0	2