

# MarÃ-a-ArÃ;nzazu MartÃ-nez

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,626  
citations

331670

21  
h-index

377865

34  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1904  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of Neonicotinoid Toxicity: Impact on Oxidative Stress and Metabolism. Annual Review of Pharmacology and Toxicology, 2018, 58, 471-507.	9.4	195
2	Synthetic phenolic antioxidants: Metabolism, hazards and mechanism of action. Food Chemistry, 2021, 353, 129488.	8.2	184
3	Permethrin-induced oxidative stress and toxicity and metabolism. A review. Environmental Research, 2016, 149, 86-104.	7.5	180
4	Deltamethrin toxicity: A review of oxidative stress and metabolism. Environmental Research, 2019, 170, 260-281.	7.5	128
5	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.	10.0	109
6	Statins: Adverse reactions, oxidative stress and metabolic interactions. , 2019, 195, 54-84.		87
7	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.	4.2	80
8	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.	3.6	74
9	Neurotransmitter changes in rat brain regions following glyphosate exposure. Environmental Research, 2018, 161, 212-219.	7.5	72
10	Mitochondria as an important target of metformin: The mechanism of action, toxic and side effects, and new therapeutic applications. Pharmacological Research, 2022, 177, 106114.	7.1	48
11	Pyrethroid insecticide lambda-cyhalothrin induces hepatic cytochrome P450 enzymes, oxidative stress and apoptosis in rats. Science of the Total Environment, 2018, 631-632, 1371-1382.	8.0	46
12	Oxidative stress and gene expression profiling of cell death pathways in alpha-cypermethrin-treated SH-SY5Y cells. Archives of Toxicology, 2017, 91, 2151-2164.	4.2	42
13	A novel strategy for the diagnosis, prognosis, treatment, and chemoresistance of hepatocellular carcinoma: DNA methylation. Medicinal Research Reviews, 2020, 40, 1973-2018.	10.5	40
14	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.	3.6	36
15	Environmental impact assessment of COVID-19 therapeutic solutions. A prospective analysis. Science of the Total Environment, 2021, 778, 146257.	8.0	35
16	Oxidative Stress and Metabolism: A Mechanistic Insight for Glyphosate Toxicology. Annual Review of Pharmacology and Toxicology, 2022, 62, 617-639.	9.4	34
17	Toxicologic evidence of developmental neurotoxicity of Type II pyrethroids cyfluthrin and alpha-cypermethrin in SH-SY5Y cells. Food and Chemical Toxicology, 2020, 137, 111173.	3.6	26
18	The role of long noncoding RNA in lipid, cholesterol, and glucose metabolism and treatment of obesity syndrome. Medicinal Research Reviews, 2021, 41, 1751-1774.	10.5	26

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19	Bioavailability and nervous tissue distribution of pyrethroid insecticide cyfluthrin in rats. Food and Chemical Toxicology, 2018, 118, 220-226.	3.6	25
20	Neonicotinoids: mechanisms of systemic toxicity based on oxidative stress-mitochondrial damage. Archives of Toxicology, 2022, 96, 1493-1520.	4.2	25
21	Toxicity induced by ciprofloxacin and enrofloxacin: oxidative stress and metabolism. Critical Reviews in Toxicology, 2021, 51, 754-787.	3.9	24
22	Oxidative stress and related gene expression effects of cyfluthrin in human neuroblastoma SH-SY5Y cells: Protective effect of melatonin. Environmental Research, 2019, 177, 108579.	7.5	23
23	Neurotoxicity of Neonicotinoids. Advances in Neurotoxicology, 2020, 4, 167-207.	1.9	21
24	Brown marine algae Gongolaria baccata extract protects Caco-2 cells from oxidative stress induced by tert-butyl hydroperoxide. Food and Chemical Toxicology, 2021, 156, 112460.	3.6	12
25	A proposed "steric-like effect" for the slowdown of enrofloxacin antibiotic metabolism by ciprofloxacin, and its mechanism. Chemosphere, 2021, 284, 131347.	8.2	10
26	Targeting peroxisome proliferator-activated receptors: A new strategy for the treatment of cardiac fibrosis. , 2021, 219, 107702.		8
27	Epigenetic upregulation of galanin-like peptide mediates deoxynivalenol induced-growth inhibition in pituitary cells. Toxicology and Applied Pharmacology, 2020, 403, 115166.	2.8	6
28	Acute and repeated dose (28 days) oral safety studies of phosphatidyl-hydroxytyrosol. Food and Chemical Toxicology, 2018, 120, 462-471.	3.6	5
29	Interactions between nutraceuticals/nutrients and nutrients and therapeutic drugs. , 2021, , 1175-1197.		5
30	Nicotinamide N-methyltransferase protects against deoxynivalenol-induced growth inhibition by suppressing pro-inflammatory cytokine expression. Food and Chemical Toxicology, 2022, 163, 112969.	3.6	5
31	Interaction Between Florfenicol and Doxycycline Involving Cytochrome P450 3A in Goats (Capra Tj ETQq1 1 0.784314 rgBT /Overlock 2.2 4		
32	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.	3.6	3
33	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.	5.2	2
34	Oral Bioavailability and Plasma Disposition of Pefloxacin in Healthy Broiler Chickens. Frontiers in Veterinary Science, 2017, 4, 77.	2.2	2
35	MS4A3-HSP27 target pathway reveals potential for haematopoietic disorder treatment in alimentary toxic aleukia. Cell Biology and Toxicology, 2021, , 1.	5.3	2
36	Protective effects of culture extracts (CB08035-SCA and CB08035-SYP) from Marinobacter hydrocarbonoclasticus (strain CB08035) against oxidant-induced stress in human colon carcinoma Caco-2 cells. Food and Chemical Toxicology, 2020, 145, 111671.	3.6	1

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37	The NO-dependent caspase signaling pathway is a target of deoxynivalenol in growth inhibition in vitro. Food and Chemical Toxicology, 2021, 158, 112629.	3.6	1
38	Association between pyrethroid exposure and neurodegenerative disorders. Toxicology Letters, 2017, 280, S148.	0.8	0