

# Mara-Arnzazu Martnez

## List of Publications by Citations

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37  
papers

766  
citations

14  
h-index

27  
g-index

38  
ext. papers

1,172  
ext. citations

7.6  
avg, IF

4.31  
L-index

#	Paper	IF	Citations
37	Mechanism of Neonicotinoid Toxicity: Impact on Oxidative Stress and Metabolism. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2018</b> , 58, 471-507	17.9	122
36	Permethrin-induced oxidative stress and toxicity and metabolism. A review. <i>Environmental Research</i> , <b>2016</b> , 149, 86-104	7.9	116
35	Deltamethrin toxicity: A review of oxidative stress and metabolism. <i>Environmental Research</i> , <b>2019</b> , 170, 260-281	7.9	60
34	Mycotoxins modify the barrier function of Caco-2 cells through differential gene expression of specific claudin isoforms: Protective effect of illite mineral clay. <i>Toxicology</i> , <b>2016</b> , 353-354, 21-33	4.4	58
33	Statins: Adverse reactions, oxidative stress and metabolic interactions. <i>Pharmacology &amp; Therapeutics</i> , <b>2019</b> , 195, 54-84	13.9	52
32	Paracetamol: overdose-induced oxidative stress toxicity, metabolism, and protective effects of various compounds in vivo and in vitro. <i>Drug Metabolism Reviews</i> , <b>2017</b> , 49, 395-437	7	43
31	Use of human neuroblastoma SH-SY5Y cells to evaluate glyphosate-induced effects on oxidative stress, neuronal development and cell death signaling pathways. <i>Environment International</i> , <b>2020</b> , 135, 105414	12.9	41
30	Synthetic phenolic antioxidants: Metabolism, hazards and mechanism of action. <i>Food Chemistry</i> , <b>2021</b> , 353, 129488	8.5	39
29	Neurotransmitter changes in rat brain regions following glyphosate exposure. <i>Environmental Research</i> , <b>2018</b> , 161, 212-219	7.9	36
28	The critical role of oxidative stress in the toxicity and metabolism of quinoxaline 1,4-di-N-oxides in vitro and in vivo. <i>Drug Metabolism Reviews</i> , <b>2016</b> , 48, 159-82	7	29
27	Oxidative stress and gene expression profiling of cell death pathways in alpha-cypermethrin-treated SH-SY5Y cells. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 2151-2164	5.8	29
26	Pyrethroid insecticide lambda-cyhalothrin induces hepatic cytochrome P450 enzymes, oxidative stress and apoptosis in rats. <i>Science of the Total Environment</i> , <b>2018</b> , 631-632, 1371-1382	10.2	23
25	A novel strategy for the diagnosis, prognosis, treatment, and chemoresistance of hepatocellular carcinoma: DNA methylation. <i>Medicinal Research Reviews</i> , <b>2020</b> , 40, 1973-2018	14.4	21
24	Bioavailability and nervous tissue distribution of pyrethroid insecticide cyfluthrin in rats. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 118, 220-226	4.7	16
23	Toxicologic evidence of developmental neurotoxicity of Type II pyrethroids cyfluthrin and alpha-cypermethrin in SH-SY5Y cells. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 137, 111173	4.7	13
22	Environmental impact assessment of COVID-19 therapeutic solutions. A prospective analysis. <i>Science of the Total Environment</i> , <b>2021</b> , 778, 146257	10.2	13
21	Oxidative stress and related gene expression effects of cyfluthrin in human neuroblastoma SH-SY5Y cells: Protective effect of melatonin. <i>Environmental Research</i> , <b>2019</b> , 177, 108579	7.9	12

20	The role of long noncoding RNA in lipid, cholesterol, and glucose metabolism and treatment of obesity syndrome. <i>Medicinal Research Reviews</i> , <b>2021</b> , 41, 1751-1774	14.4	7
19	Oxidative Stress and Metabolism: A Mechanistic Insight for Glyphosate Toxicology.. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2022</b> , 62, 617-639	17.9	5
18	Neurotoxicity of Neonicotinoids. <i>Advances in Neurotoxicology</i> , <b>2020</b> , 4, 167-207	1.6	5
17	Acute and repeated dose (28 days) oral safety studies of phosphatidyl-hydroxytyrosol. <i>Food and Chemical Toxicology</i> , <b>2018</b> , 120, 462-471	4.7	4
16	Epigenetic upregulation of galanin-like peptide mediates deoxynivalenol induced-growth inhibition in pituitary cells. <i>Toxicology and Applied Pharmacology</i> , <b>2020</b> , 403, 115166	4.6	4
15	A proposed "steric-like effect" for the slowdown of enrofloxacin antibiotic metabolism by ciprofloxacin, and its mechanism. <i>Chemosphere</i> , <b>2021</b> , 284, 131347	8.4	4
14	Mitochondria as an important target of metformin: the mechanism of action, toxic and side effects, and new therapeutic applications.. <i>Pharmacological Research</i> , <b>2022</b> , 106114	10.2	3
13	Induction of cytochrome P450-dependent mixed function oxidase activities and peroxisome proliferation by chloramine-T in male rat liver. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 106, 86-91	4.7	2
12	Absorption Kinetics of the Main Conjugated Linoleic Acid Isomers in Commercial-Rich Oil after Oral Administration in Rats. <i>Journal of Agricultural and Food Chemistry</i> , <b>2017</b> , 65, 7680-7686	5.7	2
11	Targeting peroxisome proliferator-activated receptors: A new strategy for the treatment of cardiac fibrosis. <i>Pharmacology &amp; Therapeutics</i> , <b>2021</b> , 219, 107702	13.9	2
10	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> , <b>2021</b> , 156, 112460	4.7	2
9	Protective effects of culture extracts (CB08035-SCA and CB08035-SYP) from <i>Marinobacter hydrocarbonoclasticus</i> (strain CB08035) against oxidant-induced stress in human colon carcinoma Caco-2 cells. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 145, 111671	4.7	1
8	Interactions between nutraceuticals/nutrients and nutrients and therapeutic drugs <b>2021</b> , 1175-1197		1
7	Toxicity induced by ciprofloxacin and enrofloxacin: oxidative stress and metabolism.. <i>Critical Reviews in Toxicology</i> , <b>2021</b> , 51, 754-787	5.7	1
6	Interaction Between Florfenicol and Doxycycline Involving Cytochrome P450 3A in Goats (). <i>Frontiers in Veterinary Science</i> , <b>2021</b> , 8, 759716	3.1	0
5	The NO-dependent caspase signaling pathway is a target of deoxynivalenol in growth inhibition in vitro. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 158, 112629	4.7	0
4	MS4A3-HSP27 target pathway reveals potential for haematopoietic disorder treatment in alimentary toxic aleukia. <i>Cell Biology and Toxicology</i> , <b>2021</b> , 1	7.4	0
3	Neonicotinoids: mechanisms of systemic toxicity based on oxidative stress-mitochondrial damage.. <i>Archives of Toxicology</i> , <b>2022</b> , 1	5.8	0

- 2 Nicotinamide N-methyltransferase protects against deoxynivalenol-induced growth inhibition by suppressing pro-inflammatory cytokine expression.. *Food and Chemical Toxicology*, **2022**, 163, 112969 4-7 ○
- 1 Oral Bioavailability and Plasma Disposition of Pefloxacin in Healthy Broiler Chickens. *Frontiers in Veterinary Science*, **2017**, 4, 77 3-1