

# Sandra GarcÃ-a-Medina

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

1,217  
citations

361045

20  
h-index

395343

33  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1202  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioaccumulation and oxidative stress caused by aluminium nanoparticles and the integrated biomarker responses in the common carp ( <i>Cyprinus carpio</i> ). <i>Chemosphere</i> , 2022, 288, 132462.	4.2	20
2	Acute exposure to environmentally relevant concentrations of phenytoin damages early development and induces oxidative stress in zebrafish embryos. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 253, 109265.	1.3	2
3	Low concentrations of ciprofloxacin alone and in combination with paracetamol induce oxidative stress, upregulation of apoptotic-related genes, histological alterations in the liver, and genotoxicity in <i>Danio rerio</i> . <i>Chemosphere</i> , 2022, 294, 133667.	4.2	11
4	Brain damage induced by contaminants released in a hospital from Mexico: Evaluation of swimming behavior, oxidative stress, and acetylcholinesterase in zebrafish ( <i>Danio rerio</i> ). <i>Chemosphere</i> , 2022, 294, 133791.	4.2	13
5	Chronic exposure to environmentally relevant concentrations of guanylurea induces neurotoxicity of <i>Danio rerio</i> adults. <i>Science of the Total Environment</i> , 2022, 819, 153095.	3.9	16
6	Acute exposure to environmentally relevant concentrations of sucralose disrupts embryonic development and leads to an oxidative stress response in <i>Danio rerio</i> . <i>Science of the Total Environment</i> , 2022, 829, 154689.	3.9	8
7	Multi-biomarker approach to evaluate the neurotoxic effects of environmentally relevant concentrations of phenytoin on adult zebrafish <i>Danio rerio</i> . <i>Science of the Total Environment</i> , 2022, 834, 155359.	3.9	4
8	Multi-biomarker approach and IBR index to evaluate the effects of bisphenol A on embryonic stages of zebrafish ( <i>Danio rerio</i> ). <i>Environmental Toxicology and Pharmacology</i> , 2022, 94, 103925.	2.0	10
9	Geno-cytotoxicity and congenital malformations produced by relevant environmental concentrations of aluminum, diclofenac and their mixture on <i>Cyprinus carpio</i> . An interactions study. <i>Environmental Toxicology and Pharmacology</i> , 2021, 82, 103555.	2.0	17
10	Behaviour of nanocrystalline tricalcium silicate-based cements at early stages of hydration. <i>Materials Research Express</i> , 2021, 8, 035401.	0.8	0
11	Survival and malformations rates, oxidative status in early life stages of <i>Cyprinus carpio</i> due to exposure to environmentally realistic concentrations of paracetamol. <i>Science of the Total Environment</i> , 2021, 768, 144585.	3.9	7
12	The Relationship Between Embryotoxicity and Oxidative Stress Produced by Aluminum, Iron, Mercury, and Their Mixture on <i>Cyprinus carpio</i> . <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	7
13	Oxidative stress as a potential mechanism by which guanylurea disrupts the embryogenesis of <i>Danio rerio</i> . <i>Science of the Total Environment</i> , 2021, 799, 149432.	3.9	25
14	Antidiabetic drug metformin disrupts the embryogenesis in zebrafish through an oxidative stress mechanism. <i>Chemosphere</i> , 2021, 285, 131213.	4.2	34
15	The relationship between cyto-genotoxic damage and oxidative stress produced by emerging pollutants on a bioindicator organism ( <i>Allium cepa</i> ): The carbamazepine case. <i>Chemosphere</i> , 2020, 253, 126675.	4.2	15
16	Genotoxic and cytotoxic alterations induced by environmentally-relevant concentrations of amoxicillin in blood cells of <i>Cyprinus carpio</i> . <i>Chemosphere</i> , 2019, 236, 124323.	4.2	10
17	Alterations to DNA, apoptosis and oxidative damage induced by sucralose in blood cells of <i>Cyprinus carpio</i> . <i>Science of the Total Environment</i> , 2019, 692, 411-421.	3.9	16
18	Pharmacokinetic parameters of ifosfamide in mouse pre-administered with grapefruit juice or naringin. <i>Scientific Reports</i> , 2019, 9, 16621.	1.6	1

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19	Short-term exposure to carbamazepine causes oxidative stress on common carp ( <i>Cyprinus carpio</i> ). <i>Environmental Toxicology and Pharmacology</i> , 2019, 66, 96-103.	2.0	14
20	Toxicity Produced by an Industrial Effluent from Mexico on the Common Carp ( <i>Cyprinus carpio</i> )., 2019, , 23-41.		1
21	Oxidative Stress Induced by Water from a Hospital Effluent of the City of Toluca, Mexico, on <i>Hyalella azteca</i> . , 2019, , 79-95.		1
22	Environmentally relevant concentrations of glibenclamide induce oxidative stress in common carp ( <i>Cyprinus carpio</i> ). <i>Chemosphere</i> , 2018, 197, 105-116.	4.2	13
23	17 $\beta$ -Estradiol induces cyto-genotoxicity on blood cells of common carp ( <i>Cyprinus carpio</i> ). <i>Chemosphere</i> , 2018, 191, 118-127.	4.2	17
24	Pharmacokinetic Interactions Between Gemigliptin and Metformin, and Potential Differences in the Pharmacokinetic Profile of Gemigliptin Between the Mexican and Korean Populations: A Randomized, Open-label Study in Healthy Mexican Volunteers. <i>Clinical Therapeutics</i> , 2018, 40, 1729-1740.	1.1	2
25	Relationship between genotoxicity and oxidative stress induced by mercury on common carp ( <i>Cyprinus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 22	1.9	33
26	Ecotoxicological Studies of Pharmaceuticals in Aquatic Organisms. <i>Handbook of Environmental Chemistry</i> , 2017, , 75-93.	0.2	4
27	Background to the Emergence of Ecopharmacovigilance. <i>Handbook of Environmental Chemistry</i> , 2017, , 13-20.	0.2	2
28	Occurrence of Pharmaceuticals in the Environment. <i>Handbook of Environmental Chemistry</i> , 2017, , 43-56.	0.2	0
29	Comparative study of diclofenac-induced embryotoxicity and teratogenesis in <i>Xenopus laevis</i> and <i>Lithobates catesbeianus</i> , using the frog embryo teratogenesis assay: <i>Xenopus</i> (FETAX). <i>Science of the Total Environment</i> , 2017, 574, 467-475.	3.9	36
30	Toxicological hazard induced by sucralose to environmentally relevant concentrations in common carp ( <i>Cyprinus carpio</i> ). <i>Science of the Total Environment</i> , 2017, 575, 347-357.	3.9	45
31	Geno- and cytotoxicity induced on <i>Cyprinus carpio</i> by aluminum, iron, mercury and mixture thereof. <i>Ecotoxicology and Environmental Safety</i> , 2017, 135, 98-105.	2.9	19
32	Reduction of the Oxidative Stress Status Using Steviol Glycosides in a Fish Model<i>(Cyprinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	0.9	8
33	Oxidative stress induced in <i>Hyalella azteca</i> by an effluent from a NSAID-manufacturing plant in Mexico. <i>Ecotoxicology</i> , 2016, 25, 1288-1304.	1.1	15
34	Biomarkers of Cytotoxic, Genotoxic and Apoptotic Effects in <i>Cyprinus carpio</i> Exposed to Complex Mixture of Contaminants from Hospital Effluents. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 96, 326-332.	1.3	16
35	NSAID-manufacturing plant effluent induces geno- and cytotoxicity in common carp ( <i>Cyprinus carpio</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 22	3.9	42
36	Oxidative stress in <i>Cyprinus carpio</i> induced by hospital wastewater in Mexico. <i>Ecotoxicology</i> , 2015, 24, 181-193.	1.1	23

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37	Oxidative Stress Induced in Nurses by Exposure to Preparation and Handling of Antineoplastic Drugs in Mexican Hospitals: A Multicentric Study. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-7.	1.9	7
38	Binary mixtures of diclofenac with paracetamol, ibuprofen, naproxen, and acetylsalicylic acid and these pharmaceuticals in isolated form induce oxidative stress on <i>Hyalella azteca</i> . <i>Environmental Monitoring and Assessment</i> , 2014, 186, 7259-7271.	1.3	33
39	Effect of ibuprofen exposure on blood, gill, liver, and brain on common carp ( <i>Cyprinus carpio</i> ) using oxidative stress biomarkers. <i>Environmental Science and Pollution Research</i> , 2014, 21, 5157-5166.	2.7	48
40	Metals and Nonsteroidal Anti-inflammatory Pharmaceuticals Drugs Present in Water from Madn Reservoir (Mexico) Induce Oxidative Stress in Gill, Blood, and Muscle of Common Carp ( <i>Cyprinus</i> )	1.0	50
41	DNA damage and oxidative stress induced by acetylsalicylic acid in <i>Daphnia magna</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2014, 164, 21-26.	1.3	45
42	Genotoxic response and oxidative stress induced by diclofenac, ibuprofen and naproxen in <i>Daphnia magna</i> . <i>Drug and Chemical Toxicology</i> , 2014, 37, 391-399.	1.2	93
43	The relationship of cytotoxic and genotoxic damage with blood aluminum levels and oxidative stress induced by this metal in common carp ( <i>Cyprinus carpio</i> ) erythrocytes. <i>Ecotoxicology and Environmental Safety</i> , 2013, 96, 191-197.	2.9	31
44	Effluent from an NSAID-Manufacturing Plant in Mexico Induces Oxidative Stress on <i>Cyprinus carpio</i> . <i>Water, Air, and Soil Pollution</i> , 2013, 224, 1.	1.1	29
45	Diclofenac-induced oxidative stress in brain, liver, gill and blood of common carp ( <i>Cyprinus carpio</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2013, 92, 32-38.	2.9	129
46	Grapefruit Juice Suppresses Azoxymethane-induced Colon Aberrant Crypt Formation and Induces Antioxidant Capacity in Mice. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 6851-6856.	0.5	20
47	Assessing the Oxidative Stress Induced by Paracetamol Spiked in Artificial Sediment on <i>Hyalella azteca</i> . <i>Water, Air, and Soil Pollution</i> , 2012, 223, 5097-5104.	1.1	36
48	Aluminum-induced oxidative stress and neurotoxicity in grass carp ( <i>Cyprinidae</i> "Ctenopharingodon")	2.9	48
49	Genotoxic and cytotoxic effects induced by aluminum in the lymphocytes of the common carp ( <i>Cyprinus carpio</i> ). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2011, 153, 113-118.	1.3	30
50	Aluminum-induced oxidative stress in lymphocytes of common carp ( <i>Cyprinus carpio</i> ). <i>Fish Physiology and Biochemistry</i> , 2010, 36, 875-882.	0.9	41
51	Diclofenac-enriched artificial sediment induces oxidative stress in <i>Hyalella azteca</i> . <i>Environmental Toxicology and Pharmacology</i> , 2010, 29, 39-43.	2.0	63
52	Oxidative stress induced on <i>Cyprinus carpio</i> by contaminants present in the water and sediment of Madn Reservoir. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010, 45, 155-160.	0.9	18
53	Responses of three benthic organisms ( <i>Hyalella azteca</i> , <i>Limnodrilus hoffmeisteri</i> and <i>Stagnicola</i> )	0.3	4