

Andrea De Vizcaya-Ruiz

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,660
citations

159585

30
h-index

182427

51
g-index

73
all docs

73
docs citations

73
times ranked

4953
citing authors

#	ARTICLE	IF	CITATIONS
1	Emission Factors of Polycyclic Aromatic Hydrocarbons and Oxidative Potential of Fine Particles Emitted from Crop Residues Burning. Polycyclic Aromatic Compounds, 2022, 42, 5123-5142.	2.6	1
2	PM2.5 induces airway hyperresponsiveness and inflammation via the AhR pathway in a sensitized Guinea pig asthma-like model. Toxicology, 2022, 465, 153026.	4.2	4
3	Toxicokinetic assessment of inhalatory absorption of Diisobutyl phthalate (DiBP) using a novel thermal desorption-GC-MS method to determine phthalate diesters in blood plasma. Environmental Toxicology and Pharmacology, 2022, 90, 103813.	4.0	2
4	Acute kidney damage by PM2.5 exposure in a rat model. Environmental Toxicology and Pharmacology, 2021, 83, 103587.	4.0	14
5	In vitro cytotoxicity study of superparamagnetic iron oxide and silica nanoparticles on pneumocyte organelles. Toxicology in Vitro, 2021, 72, 105071.	2.4	6
6	Inflammatory response in human alveolar epithelial cells after TiO2 NPs or ZnO NPs exposure: Inhibition of surfactant protein A expression as an indicator for loss of lung function. Environmental Toxicology and Pharmacology, 2021, 86, 103654.	4.0	6
7	Comparative effects of TiO2 and ZnO nanoparticles on growth and ultrastructure of ovarian antral follicles. Reproductive Toxicology, 2020, 96, 399-412.	2.9	9
8	In vitro exposure to ambient fine and ultrafine particles alters dopamine uptake and release, and D2 receptor affinity and signaling. Environmental Toxicology and Pharmacology, 2020, 80, 103484.	4.0	3
9	Survival Mechanisms and Xenobiotic Susceptibility of Keratinocytes Exposed to Metal-Derived Nanoparticles. Chemical Research in Toxicology, 2020, 33, 536-552.	3.3	3
10	Chitosan-bioglass coatings on partially nanostructured anodized Ti-6Al-4V alloy for biomedical applications. Surface and Coatings Technology, 2019, 375, 468-476.	4.8	19
11	Plasma protein adsorption on Fe ₃ O ₄ -PEG nanoparticles activates the complement system and induces an inflammatory response. International Journal of Nanomedicine, 2019, Volume 14, 2055-2067.	6.7	32
12	In utero exposure to ultrafine particles promotes placental stress-induced programming of renin-angiotensin system-related elements in the offspring results in altered blood pressure in adult mice. Particle and Fibre Toxicology, 2019, 16, 7.	6.2	33
13	Influence of HVOF parameters on HAp coating generation: An integrated approach using process maps. Surface and Coatings Technology, 2019, 358, 299-307.	4.8	15
14	Effect of in vivo exposure to ambient fine particles (PM 2.5) on the density of dopamine D ₂ -like receptors and dopamine-induced [³⁵ S]-GTPγS binding in rat prefrontal cortex and striatum membranes. Environmental Toxicology and Pharmacology, 2018, 60, 58-65.	4.0	12
15	Concentration profile of elemental and organic carbon and personal exposure to other pollutants from brick kilns in Durango, Mexico. Air Quality, Atmosphere and Health, 2018, 11, 285-300.	3.3	9
16	Exposure to ambient particulate matter induces oxidative stress in lung and aorta in a size- and time-dependent manner in rats. Toxicology Research and Application, 2018, 2, 239784731879485.	0.6	16
17	Synthesis, Characterization and In Vitro Study of Synthetic and Bovine-Derived Hydroxyapatite Ceramics: A Comparison. Materials, 2018, 11, 333.	2.9	52
18	Regulation of human GDNF gene expression in nigral dopaminergic neurons using a new doxycycline-regulated NTS-polyplex nanoparticle system. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1363-1375.	3.3	15

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19	Inhalation of concentrated PM _{2.5} from Mexico City acts as an adjuvant in a guinea pig model of allergic asthma. <i>Environmental Pollution</i> , 2017, 228, 474-483.	7.5	30
20	Bismuth subsalicylate nanoparticles with anaerobic antibacterial activity for dental applications. <i>Nanotechnology</i> , 2017, 28, 435101.	2.6	35
21	A comparison of the human and mouse protein corona profiles of functionalized SiO ₂ nanocarriers. <i>Nanoscale</i> , 2017, 9, 13651-13660.	5.6	45
22	Increased methylation of repetitive elements and DNA repair genes is associated with higher DNA oxidation in children in an urbanized, industrial environment. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2017, 813, 27-36.	1.7	41
23	Nanomaterials Versus Ambient Ultrafine Particles: An Opportunity to Exchange Toxicology Knowledge. <i>Environmental Health Perspectives</i> , 2017, 125, 106002.	6.0	274
24	TNF α and IL-6 Responses to Particulate Matter <i>in Vitro</i> : Variation According to PM Size, Season, and Polycyclic Aromatic Hydrocarbon and Soil Content. <i>Environmental Health Perspectives</i> , 2016, 124, 406-412.	6.0	88
25	Association of chemical components and endotoxin in PM _{2.5} with early kidney damage. <i>Toxicology Letters</i> , 2016, 259, S78.	0.8	1
26	Characterization of protein corona around of SiO ₂ -PEG-Tf NP in human plasma and its influence in active targeting. <i>Toxicology Letters</i> , 2016, 259, S185.	0.8	1
27	Early kidney damage induced by subchronic exposure to PM _{2.5} in rats. <i>Particle and Fibre Toxicology</i> , 2016, 13, 68.	6.2	95
28	Cytotoxicity of semiconductor nanoparticles in A549 cells is attributable to their intrinsic oxidant activity. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	6
29	Ibervillea sonorae root extract modifies glucose uptake and GLUT4 plasma membrane translocation in L6-GLUT4myc muscle cells. <i>Toxicology Letters</i> , 2016, 259, S196.	0.8	0
30	Assessment of aldosterone synthase (CYP11B2), mineralocorticoid receptor expression and markers of fetal cardiac gene reprogramming in rats exposed to fine particles. <i>Toxicology Letters</i> , 2016, 259, S76-S77.	0.8	0
31	Protein corona acts as a protective shield against Fe ₃ O ₄ -PEG inflammation and ROS-induced toxicity in human macrophages. <i>Toxicology Letters</i> , 2016, 240, 172-184.	0.8	70
32	Bismuth-based nanoparticles as the environmentally friendly replacement for lead-based piezoelectrics. <i>RSC Advances</i> , 2015, 5, 27295-27304.	3.6	29
33	Biocompatibility evaluation of hydroxyapatite coatings for prosthetic applications. <i>Toxicology Letters</i> , 2015, 238, S94.	0.8	0
34	Acute and subchronic exposure to air particulate matter induces expression of angiotensin and bradykinin-related genes in the lungs and heart: Angiotensin-II type-I receptor as a molecular target of particulate matter exposure. <i>Particle and Fibre Toxicology</i> , 2015, 12, 17.	6.2	63
35	SDNN index of heart rate variability as an indicator of change in rats exposed to fine particles: Study of the impact of air pollution in Mexico City. , 2014, , .		7
36	The Effect of Composition, Size, and Solubility on Acute Pulmonary Injury in Rats Following Exposure to Mexico City Ambient Particulate Matter Samples. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 1164-1182.	2.3	51

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37	Distributed lag associations between respiratory illnesses and mortality with suspended particle concentration in Tula, a highly polluted industrial region in Central Mexico. <i>International Archives of Occupational and Environmental Health</i> , 2013, 86, 321-332.	2.3	2
38	Exposure to inhaled particulate matter activates early markers of oxidative stress, inflammation and unfolded protein response in rat striatum. <i>Toxicology Letters</i> , 2013, 222, 146-154.	0.8	100
39	Variation in the Composition and In Vitro Proinflammatory Effect of Urban Particulate Matter from Different Sites. <i>Journal of Biochemical and Molecular Toxicology</i> , 2013, 27, 87-97.	3.0	34
40	Carotid Intima-Media Thickness and Plasma Asymmetric Dimethylarginine in Mexican Children Exposed to Inorganic Arsenic. <i>Environmental Health Perspectives</i> , 2013, 121, 1090-1096.	6.0	57
41	Particulate matter Air Pollution induces hypermethylation of the p16 promoter Via a mitochondrial ROS-JNK-DNMT1 pathway. <i>Scientific Reports</i> , 2012, 2, 275.	3.3	79
42	P-026. <i>Epidemiology</i> , 2012, 23, 1.	2.7	0
43	Skin ion channels in health and disease. , 2012, , 35-42.		0
44	Arsenic alters monocyte superoxide anion and nitric oxide production in environmentally exposed children. <i>Toxicology and Applied Pharmacology</i> , 2010, 245, 244-251.	2.8	30
45	Ion channels in toxicology. <i>Journal of Applied Toxicology</i> , 2010, 30, 497-512.	2.8	45
46	Activation of Nrf2 transcription factor in aorta and lung of rats exposed to fine and ultrafine ambient particulate matter in Mexico City. <i>Toxicology Letters</i> , 2010, 196, S241.	0.8	0
47	Temporal variation of nitro-polycyclic aromatic hydrocarbons in PM10 and PM2.5 collected in Northern Mexico City. <i>Science of the Total Environment</i> , 2010, 408, 5429-5438.	8.0	64
48	Mitochondrial Complex III-generated Oxidants Activate ASK1 and JNK to Induce Alveolar Epithelial Cell Death following Exposure to Particulate Matter Air Pollution. <i>Journal of Biological Chemistry</i> , 2009, 284, 2176-2186.	3.4	117
49	Estrogens and Human Papilloma Virus Oncogenes Regulate Human <i>ether-a1€-go-go-1</i> Potassium Channel Expression. <i>Cancer Research</i> , 2009, 69, 3300-3307.	0.9	74
50	PM composition and source reconciliation in Mexico City. <i>Atmospheric Environment</i> , 2009, 43, 5068-5074.	4.1	71
51	Biomarkers of oxidative stress and damage in human populations exposed to arsenic. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 674, 85-92.	1.7	141
52	Sodium arsenite induces ROS generation, DNA oxidative damage, HO-1 and c-Myc proteins, NF- κ B activation and cell proliferation in human breast cancer MCF-7 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 674, 109-115.	1.7	174
53	Mixed chelate copper complex, Casiopeina Igly [®] , binds and degrades nucleic acids: A mechanism of cytotoxicity. <i>Chemico-Biological Interactions</i> , 2007, 165, 189-199.	4.0	95
54	In Vitro Toxicity of Ambient Particles: Biological Plausibility for Risk Estimation. <i>Epidemiology</i> , 2007, 18, S199.	2.7	0

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55	Diabetogenic effects and pancreatic oxidative damage in rats subchronically exposed to arsenite. <i>Toxicology Letters</i> , 2006, 160, 135-142.	0.8	112
56	Characterization and in vitro biological effects of concentrated particulate matter from Mexico City. <i>Atmospheric Environment</i> , 2006, 40, 583-592.	4.1	77
57	Effect of chemical composition on the induction of DNA damage by urban airborne particulate matter. <i>Environmental and Molecular Mutagenesis</i> , 2006, 47, 199-211.	2.2	102
58	Chemical characterization of extractable water soluble matter associated with PM10 from Mexico City during 2000. <i>Chemosphere</i> , 2005, 61, 701-710.	8.2	33
59	Hematotoxicity response in rats by the novel copper-based anticancer agent: casiopeina II. <i>Toxicology</i> , 2003, 194, 103-113.	4.2	42
60	Induction of apoptosis by a novel copper-based anticancer compound, Casiopeina II, in L1210 murine leukaemia and CH1 human ovarian carcinoma cells. <i>Toxicology in Vitro</i> , 2000, 14, 1-5.	2.4	124