

# Deborah Ruth Tasat

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

891  
citations

535685

17  
h-index

563245

28  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1485  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systemic effect of $\text{TiO}_2$ micro- and nanoparticles after acute exposure in a murine model. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2022, 110, 1563-1572.	1.6	3
2	A Biocompatible Ultrananocrystalline Diamond (UNCD) Coating for a New Generation of Dental Implants. <i>Nanomaterials</i> , 2022, 12, 782.	1.9	8
3	Neurotoxicity mediated by oxidative stress caused by titanium dioxide nanoparticles in human neuroblastoma (SH-SY5Y) cells. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 57, 126413.	1.5	37
4	Hazardous effects of urban air particulate matter acute exposure on lung and extrapulmonary organs in mice. <i>Ecotoxicology and Environmental Safety</i> , 2020, 190, 110120.	2.9	17
5	NADPH oxidase and mitochondria are relevant sources of superoxide anion in the oxinflammatory response of macrophages exposed to airborne particulate matter. <i>Ecotoxicology and Environmental Safety</i> , 2020, 205, 111186.	2.9	17
6	Monitoring human genotoxicity risk associated to urban and industrial Buenos Aires air pollution exposure. <i>Environmental Science and Pollution Research</i> , 2020, 27, 13995-14006.	2.7	13
7	Changes in extrapulmonary organs and serum enzyme biomarkers after chronic exposure to Buenos Aires air pollution. <i>Environmental Science and Pollution Research</i> , 2020, 27, 14529-14542.	2.7	12
8	Chronic exposure to urban air pollution from Buenos Aires: the ocular mucosa as an early biomarker. <i>Environmental Science and Pollution Research</i> , 2019, 26, 27444-27456.	2.7	16
9	Oxidative stress response to air particle pollution in a rat nutritional growth retardation model. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 1028-1040.	1.1	12
10	Volcanic ash from Puyehue-Cordón Caulle Volcanic Complex and Calbuco promote a differential response of pro-inflammatory and oxidative stress mediators on human conjunctival epithelial cells. <i>Environmental Research</i> , 2018, 167, 87-97.	3.7	14
11	Evaluation of metabolic reactivity in macrophages from mice with chronic sodium arsenite intake and experimental carcinogenesis. <i>Cellular and Molecular Biology</i> , 2018, 64, 34.	0.3	0
12	Titanium Nanoparticle Size Influences Trace Concentration Levels in Skin Appendages. <i>Toxicologic Pathology</i> , 2017, 45, 624-632.	0.9	8
13	Biokinetics and tissue response to ultrananocrystalline diamond nanoparticles employed as coating for biomedical devices. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 2408-2415.	1.6	17
14	Active caspase-3 expression levels as bioindicator of individual radiosensitivity. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017, 89, 649-659.	0.3	16
15	Acute exposure to air pollution particulate matter aggravates experimental myocardial infarction in mice by potentiating cytokine secretion from lung macrophages. <i>Basic Research in Cardiology</i> , 2016, 111, 44.	2.5	52
16	Acute exposure to Buenos Aires air particles (UAP-BA) induces local and systemic inflammatory response in middle-aged mice: A time course study. <i>Environmental Pollution</i> , 2016, 208, 261-270.	3.7	19
17	<i>In vitro</i> age dependent response of macrophages to micro and nano titanium dioxide particles. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 471-478.	2.1	10
18	Selective TNF- $\alpha$ targeting with infliximab attenuates impaired oxygen metabolism and contractile function induced by an acute exposure to air particulate matter. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1621-H1628.	1.5	25

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19	<i>In vivo</i> short-term exposure to residual oil fly ash impairs pulmonary innate immune response against environmental mycobacterium infection. <i>Environmental Toxicology</i> , 2015, 30, 589-596.	2.1	5
20	Impact through time of different sized titanium dioxide particles on biochemical and histopathological parameters. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 1439-1448.	2.1	34
21	mRNA of cytokines in bone marrow and bone biomarkers in response to propranolol in a nutritional growth retardation model. <i>Pharmacological Reports</i> , 2014, 66, 867-873.	1.5	5
22	Reactive oxygen species produced by NADPH oxidase and mitochondrial dysfunction in lung after an acute exposure to Residual Oil Fly Ashes. <i>Toxicology and Applied Pharmacology</i> , 2013, 270, 31-38.	1.3	37
23	Diesel Exhaust Particles Selectively Induce Both Proinflammatory Cytokines and Mucin Production in Cornea and Conjunctiva Human Cell Lines. , 2013, 54, 4759.		57
24	Low levels of residual oil fly ash (ROFA) impair innate immune response against environmental mycobacteria infection in vitro. <i>Toxicology in Vitro</i> , 2012, 26, 1001-1006.	1.1	6
25	Bioaccessible heavy metals sediment particles from Reconquista River induce lung inflammation in mice. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2059-2068.	2.2	5
26	Simvastatin pretreatment prevents ambient particle-induced lung injury in mice. <i>Inhalation Toxicology</i> , 2011, 23, 889-896.	0.8	27
27	Lung oxidative metabolism after exposure to ambient particles. <i>Biochemical and Biophysical Research Communications</i> , 2011, 412, 667-672.	1.0	34
28	<i>In vivo</i> comparative biokinetics and biocompatibility of titanium and zirconium microparticles. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 98A, 604-613.	2.1	26
29	Strong inhibition of replicative DNA synthesis in the developing rat cerebral cortex and glioma cells by roscovitine. <i>Investigational New Drugs</i> , 2010, 28, 299-305.	1.2	5
30	Low doses of urban air particles from Buenos Aires promote oxidative stress and apoptosis in mice lungs. <i>Inhalation Toxicology</i> , 2010, 22, 1064-1071.	0.8	25
31	The issue of corrosion in dental implants: a review. <i>Acta Odontol<sup>3</sup>gica Latinoamericana: AOL</i> , 2009, 22, 3-9.	0.1	18
32	Biodistribution of titanium dioxide from biologic compartments. <i>Journal of Materials Science: Materials in Medicine</i> , 2008, 19, 3049-3056.	1.7	37
33	Biological response of tissues with macrophagic activity to titanium dioxide. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 84A, 1087-1093.	2.1	68
34	Age-related lung cell response to urban Buenos Aires air particle soluble fraction. <i>Environmental Research</i> , 2008, 107, 170-177.	3.7	18
35	Oxidative metabolism of lung macrophages exposed to sodium arsenite. <i>Toxicology in Vitro</i> , 2007, 21, 1603-1609.	1.1	13
36	Characterization and biological effect of Buenos Aires urban air particles on mice lungs. <i>Environmental Research</i> , 2007, 105, 340-349.	3.7	38

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37	Effect of titanium dioxide on the oxidative metabolism of alveolar macrophages: An experimental study in rats. <i>Journal of Biomedical Materials Research - Part A</i> , 2005, 73A, 142-149.	2.1	48
38	Kinetics of MTT-formazan exocytosis in phagocytic and non-phagocytic cells. <i>Micron</i> , 2005, 36, 177-183.	1.1	21
39	Age-dependent change in reactive oxygen species and nitric oxide generation by rat alveolar macrophages*. <i>Aging Cell</i> , 2003, 2, 159-164.	3.0	60
40	Systemic and Local Tissue Response to Titanium Corrosion. , 0, , .		8
41	Malnutrition and Air Pollution in Latin America: Impact of Two Stressors on Childrenâ€™s Health. , 0, , .		0