

# Alberto Katsumiti

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

961  
citations

516215  
16  
h-index

552369  
26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1460  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of dietary exposure to different sized polystyrene microplastics alone and with sorbed benzo[a]pyrene on biomarkers and whole organism responses in mussels <i>Mytilus galloprovincialis</i> . <i>Science of the Total Environment</i> , 2019, 684, 548-566.	3.9	136
2	Cytotoxicity and cellular mechanisms involved in the toxicity of CdS quantum dots in hemocytes and gill cells of the mussel <i>Mytilus galloprovincialis</i> . <i>Aquatic Toxicology</i> , 2014, 153, 39-52.	1.9	131
3	Mechanisms of Toxicity of Ag Nanoparticles in Comparison to Bulk and Ionic Ag on Mussel Hemocytes and Gill Cells. <i>PLoS ONE</i> , 2015, 10, e0129039.	1.1	115
4	Cytotoxicity and cellular mechanisms of toxicity of CuO NPs in mussel cells in vitro and comparative sensitivity with human cells. <i>Toxicology in Vitro</i> , 2018, 48, 146-158.	1.1	81
5	Short-term effects on antioxidant enzymes and long-term genotoxic and carcinogenic potential of CuO nanoparticles compared to bulk CuO and ionic copper in mussels <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2015, 111, 107-120.	1.1	80
6	An assessment of acute biomarker responses in the demersal catfish <i>Cathorops spixii</i> after the Vicuña Oil Spill in a harbour estuarine area in Southern Brazil. <i>Environmental Monitoring and Assessment</i> , 2009, 152, 209-22.	1.3	47
7	Cytotoxicity of TiO <sub>2</sub> nanoparticles to mussel hemocytes and gill cells in vitro: Influence of synthesis method, crystalline structure, size and additive. <i>Nanotoxicology</i> , 2015, 9, 543-553.	1.6	47
8	Cytotoxicity of Au, ZnO and SiO <sub>2</sub> NPs using in vitro assays with mussel hemocytes and gill cells: Relevance of size, shape and additives. <i>Nanotoxicology</i> , 2016, 10, 1-9.	1.6	46
9	Intracellular localization and toxicity of graphene oxide and reduced graphene oxide nanoplatelets to mussel hemocytes in vitro. <i>Aquatic Toxicology</i> , 2017, 188, 138-147.	1.9	46
10	Evaluation of waterborne exposure to oil spill 5 years after an accident in Southern Brazil. <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 400-409.	2.9	38
11	Biomarkers responses in fish ( <i>Atherinella brasiliensis</i> ) of paranaguá bay, southern Brazil, for assessment of pollutant effects. <i>Brazilian Journal of Oceanography</i> , 2013, 61, 1-11.	0.6	34
12	Polystyrene nanoplastics and microplastics can act as Trojan horse carriers of benzo(a)pyrene to mussel hemocytes in vitro. <i>Scientific Reports</i> , 2021, 11, 22396.	1.6	30
13	In vitro toxicity testing in hemocytes of the marine mussel <i>Mytilus galloprovincialis</i> (L.) to uncover mechanisms of action of the water accommodated fraction (WAF) of a naphthenic North Sea crude oil without and with dispersant. <i>Science of the Total Environment</i> , 2019, 670, 1084-1094.	3.9	26
14	Evidence of contamination by oil and oil products in the Santos-São Vicente estuary, São Paulo, Brazil. <i>Brazilian Journal of Oceanography</i> , 2012, 60, 117-126.	0.6	18
15	Synthesis methods influence characteristics, behaviour and toxicity of bare CuO NPs compared to bulk CuO and ionic Cu after in vitro exposure of <i>Ruditapes philippinarum</i> hemocytes. <i>Aquatic Toxicology</i> , 2018, 199, 285-295.	1.9	18
16	Dietary exposure of mussels to PVP/PEI coated Ag nanoparticles causes Ag accumulation in adults and abnormal embryo development in their offspring. <i>Science of the Total Environment</i> , 2019, 655, 48-60.	3.9	18
17	A Complete In Vitro Toxicological Assessment of the Biological Effects of Cerium Oxide Nanoparticles: From Acute Toxicity to Multi-Dose Subchronic Cytotoxicity Study. <i>Nanomaterials</i> , 2021, 11, 1577.	1.9	9
18	Immortalisation of primary human alveolar epithelial lung cells using a non-viral vector to study respiratory bioreactivity in vitro. <i>Scientific Reports</i> , 2020, 10, 20486.	1.6	7

#	ARTICLE	IF	CITATIONS
19	Functionalization of Photosensitized Silica Nanoparticles for Advanced Photodynamic Therapy of Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6618.	1.8	7
20	Functionalized Fluorescent Silica Nanoparticles for Bioimaging of Cancer Cells. <i>Sensors</i> , 2020, 20, 5590.	2.1	5
21	Lipidomic analysis of mussel hemocytes exposed to polystyrene nanoplastics. <i>Environmental Research</i> , 2022, 214, 113763.	3.7	5
22	Physical compatibility of alprostadil with selected drugs commonly used in the neonatal intensive care units. <i>European Journal of Pediatrics</i> , 2021, 180, 1169-1176.	1.3	4
23	Cell and tissue level responses in mussels <i>Mytilus galloprovincialis</i> dietarily exposed to PVP/PEI coated Ag nanoparticles at two seasons. <i>Science of the Total Environment</i> , 2021, 750, 141303.	3.9	4
24	Drug compatibility in neonatal intensive care units: gaps in knowledge and discordances. <i>European Journal of Pediatrics</i> , 2021, 180, 2305-2313.	1.3	4
25	Screening of cytotoxicity effects of different metal bearing nanoparticles on mussel hemocytes and gill cells in vitro. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2012, 163, S25.	0.8	1
26	Immortalisation of human alveolar epithelial cells to investigate the mechanistic effects of inhaled airborne materials in vitro. , 2017, , .		0