

# Alexandre Ferro Aissa

## List of Publications by Year in descending order

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33  
papers

759  
citations

430442

18  
h-index

552369

26  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1175  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell transcriptional changes associated with drug tolerance and response to combination therapies in cancer. <i>Nature Communications</i> , 2021, 12, 1628.	5.8	103
2	Evaluation of the genotoxic and antigenotoxic effects after acute and subacute treatments with açaí pulp ( <i>Euterpe oleracea</i> Mart.) on mice using the erythrocytes micronucleus test and the comet assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2010, 695, 22-28.	0.9	86
3	Transcriptome and DNA methylation changes modulated by sulforaphane induce cell cycle arrest, apoptosis, DNA damage, and suppression of proliferation in human liver cancer cells. <i>Food and Chemical Toxicology</i> , 2020, 136, 111047.	1.8	50
4	CR-LAAO, an L-amino acid oxidase from <i>Calloselasma rhodostoma</i> venom, as a potential tool for developing novel immunotherapeutic strategies against cancer. <i>Scientific Reports</i> , 2017, 7, 42673.	1.6	44
5	Effect of methionine-deficient and methionine-supplemented diets on the hepatic one-carbon and lipid metabolism in mice. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 1502-1512.	1.5	39
6	Novel lawsone-containing ruthenium(II) complexes: Synthesis, characterization and anticancer activity on 2D and 3D spheroid models of prostate cancer cells. <i>Bioorganic Chemistry</i> , 2019, 85, 455-468.	2.0	34
7	A non-catalytic scaffolding activity of hexokinase 2 contributes to EMT and metastasis. <i>Nature Communications</i> , 2022, 13, 899.	5.8	29
8	Comparative study of $\beta$ -carotene and microencapsulated $\beta$ -carotene: Evaluation of their genotoxic and antigenotoxic effects. <i>Food and Chemical Toxicology</i> , 2012, 50, 1418-1424.	1.8	28
9	Caffeic acid and chlorogenic acid cytotoxicity, genotoxicity and impact on global DNA methylation in human leukemic cell lines. <i>Genetics and Molecular Biology</i> , 2020, 43, e20190347.	0.6	26
10	An evaluation, using the comet assay and the micronucleus test, of the antigenotoxic effects of chlorophyll b in mice. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 725, 50-56.	0.9	25
11	CR-LAAO antileukemic effect against Bcr-Abl + cells is mediated by apoptosis and hydrogen peroxide. <i>International Journal of Biological Macromolecules</i> , 2016, 86, 309-320.	3.6	25
12	Bixin and norbixin protect against DNA damage and alterations of redox status induced by methylmercury exposure in vivo. <i>Environmental and Molecular Mutagenesis</i> , 2012, 53, 535-541.	0.9	23
13	Cytotoxic, genotoxic, and oxidative stress-inducing effect of an L-amino acid oxidase isolated from <i>Bothrops jararacussu</i> venom in a co-culture model of HepG2 and HUVEC cells. <i>International Journal of Biological Macromolecules</i> , 2019, 127, 425-432.	3.6	22
14	Antigenotoxic Effects of Piquiá (Caryocar villosum) in Multiple Rat Organs. <i>Plant Foods for Human Nutrition</i> , 2012, 67, 171-177.	1.4	20
15	Diet carotenoid lutein modulates the expression of genes related to oxygen transporters and decreases DNA damage and oxidative stress in mice. <i>Food and Chemical Toxicology</i> , 2014, 70, 205-213.	1.8	20
16	Vitamin D3 deficiency increases DNA damage and the oxidative burst of neutrophils in a hypertensive rat model. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2016, 798-799, 19-26.	0.9	20
17	The toxin BjuLAAO-II induces oxidative stress and DNA damage, upregulates the inflammatory cytokine genes TNF and IL6, and downregulates the apoptotic-related genes BAX, BCL2 and RELA in human Caco-2 cells. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 212-219.	3.6	19
18	Protective effects of the exopolysaccharide Lasiodiplodan against DNA damage and inflammation induced by doxorubicin in rats: Cytogenetic and gene expression assays. <i>Toxicology</i> , 2017, 376, 66-74.	2.0	18

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19	Methionine concentration in the diet has a tissue-specific effect on chromosomal stability in female mice. <i>Food and Chemical Toxicology</i> , 2013, 62, 456-462.	1.8	15
20	A Novel Ruthenium(II) Complex With Lapachol Induces G2/M Phase Arrest Through Aurora-B Kinase Down-Regulation and ROS-Mediated Apoptosis in Human Prostate Adenocarcinoma Cells. <i>Frontiers in Oncology</i> , 2021, 11, 682968.	1.3	14
21	Calcium channel blockers potentiate gemcitabine chemotherapy in pancreatic cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2200143119.	3.3	14
22	Effects of maternal vitamin B6 deficiency and over-supplementation on DNA damage and oxidative stress in rat dams and their offspring. <i>Food and Chemical Toxicology</i> , 2015, 80, 201-205.	1.8	13
23	Analysis of the cytotoxic, genotoxic, mutagenic, and pro-oxidant effect of synephrine, a component of thermogenic supplements, in human hepatic cells in vitro. <i>Toxicology</i> , 2019, 422, 25-34.	2.0	12
24	CR-LAO causes genotoxic damage in HepG2 tumor cells by oxidative stress. <i>Toxicology</i> , 2018, 404-405, 42-48.	2.0	10
25	Vitamin D supplementation alters the expression of genes associated with hypertension and did not induce DNA damage in rats. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2019, 82, 299-313.	1.1	10
26	Methionine-supplemented diet affects the expression of cardiovascular disease-related genes and increases inflammatory cytokines in mice heart and liver. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 1116-1128.	1.1	8
27	In vivo assessment of the cytotoxic, genotoxic and antigenotoxic potential of manihot-cubiu ( <i>Solanum</i> ) Tj ETQq1 1 0,784314 rgBT /Over	2.9	7
28	BjussuLAAO-II induces cytotoxicity and alters DNA methylation of cell-cycle genes in monocultured/co-cultured HepG2 cells. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2019, 25, e147618.	0.8	7
29	Effects of sulforaphane on the oxidative response, apoptosis, and the transcriptional profile of human stomach mucosa cells in vitro. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2020, 854-855, 503201.	0.9	5
30	In Vivo Genotoxicity and Oxidative Stress Evaluation of an Ethanolic Extract from Piqui (Caryocar) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.8	4
31	Erythrosine B and quinoline yellow dyes regulate DNA repair gene expression in human HepG2 cells. <i>Toxicology and Industrial Health</i> , 2017, 33, 765-774.	0.6	4
32	Epigenetic changes induced in mice liver by methionine-supplemented and methionine-deficient diets. <i>Food and Chemical Toxicology</i> , 2022, 163, 112938.	1.8	3
33	p-synephrine induces transcriptional changes via the cAMP/PKA pathway but not cytotoxicity or mutagenicity in human gastrointestinal cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2021, 84, 196-212.	1.1	2