

# Alexandra Acco

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

1,258  
citations

304602

22  
h-index

434063

31  
g-index

66  
all docs

66  
docs citations

66  
times ranked

2048  
citing authors

#	ARTICLE	IF	CITATIONS
1	Glutathione system in animal model of solid tumors: From regulation to therapeutic target. <i>Critical Reviews in Oncology/Hematology</i> , 2018, 128, 43-57.	2.0	78
2	Molecular basis of alcoholic fatty liver disease: From incidence to treatment. <i>Hepatology Research</i> , 2016, 46, 111-123.	1.8	63
3	Effects of Silymarin on Diabetes Mellitus Complications: A Review. <i>Phytotherapy Research</i> , 2017, 31, 366-374.	2.8	60
4	Involvement of cytochrome P450 enzymes in inflammation and cancer: a review. <i>Cancer Chemotherapy and Pharmacology</i> , 2021, 87, 295-309.	1.1	55
5	The FXR agonist 6ECDCA reduces hepatic steatosis and oxidative stress induced by ethanol and low-protein diet in mice. <i>Chemico-Biological Interactions</i> , 2014, 217, 19-27.	1.7	51
6	Antitumoral and antioxidant effects of a hydroalcoholic extract of cat's claw ( <i>Uncaria tomentosa</i> ) (Willd. Ex Roem. & Schult) in an in vivo carcinosarcoma model. <i>Journal of Ethnopharmacology</i> , 2010, 130, 127-133.	2.0	49
7	Quercetin reduces manic-like behavior and brain oxidative stress induced by paradoxical sleep deprivation in mice. <i>Free Radical Biology and Medicine</i> , 2016, 99, 79-86.	1.3	42
8	Integrated biomarker response index to assess toxic effects of environmentally relevant concentrations of paracetamol in a neotropical catfish ( <i>Rhamdia quelen</i> ). <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109438.	2.9	37
9	Metabolic Effects of Propofol in the Isolated Perfused Rat Liver. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2004, 95, 166-174.	0.0	36
10	FXR-dependent reduction of hepatic steatosis in a bile salt deficient mouse model. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 739-746.	1.8	35
11	Effects of <i>Agaricus brasiliensis</i> mushroom in Walker-256 tumor-bearing rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2010, 88, 21-27.	0.7	32
12	Cytotoxic effect of <i>Agaricus bisporus</i> and <i>Lactarius rufus</i> $\beta$ -d-glucans on HepG2 cells. <i>International Journal of Biological Macromolecules</i> , 2013, 58, 95-103.	3.6	31
13	Inulin-type fructan and infusion of <i>Artemisia vulgaris</i> protect the liver against carbon tetrachloride-induced liver injury. <i>Phytomedicine</i> , 2017, 24, 68-76.	2.3	30
14	Hydroethanolic extract of <i>Baccharis trimera</i> promotes gastroprotection and healing of acute and chronic gastric ulcers induced by ethanol and acetic acid. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 985-998.	1.4	29
15	Safe therapeutics of murine melanoma model using a novel antineoplastic, the partially methylated mannogalactan from <i>Pleurotus eryngii</i> . <i>Carbohydrate Polymers</i> , 2017, 178, 95-104.	5.1	29
16	Hydroethanolic extract of <i>Baccharis trimera</i> ameliorates alcoholic fatty liver disease in mice. <i>Chemico-Biological Interactions</i> , 2016, 260, 22-32.	1.7	28
17	The antioxidant gallic acid induces anxiolytic-, but not antidepressant-like effect, in streptozotocin-induced diabetes. <i>Metabolic Brain Disease</i> , 2018, 33, 1573-1584.	1.4	28
18	Pharmacological profile and effects of mitotane in adrenocortical carcinoma. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 2698-2710.	1.1	27

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19	Uncaria tomentosa Exerts Extensive Anti-Neoplastic Effects against the Walker-256 Tumour by Modulating Oxidative Stress and Not by Alkaloid Activity. <i>PLoS ONE</i> , 2013, 8, e54618.	1.1	27
20	Anti-fatigue activity of an arabinan-rich pectin from acerola ( <i>Malpighia emarginata</i> ). <i>International Journal of Biological Macromolecules</i> , 2018, 109, 1147-1153.	3.6	26
21	Defective bile salt biosynthesis and hydroxylation in mice with reduced cytochrome P450 activity. <i>Hepatology</i> , 2013, 57, 1509-1517.	3.6	25
22	Effects of acute and chronic quercetin administration on methylphenidate-induced hyperlocomotion and oxidative stress. <i>Life Sciences</i> , 2017, 171, 1-8.	2.0	25
23	Antineoplastic effect of pectic polysaccharides from green sweet pepper ( <i>Capsicum annuum</i> ) on mammary tumor cells in vivo and in vitro. <i>Carbohydrate Polymers</i> , 2018, 201, 280-292.	5.1	25
24	Celecoxib prevents tumor growth in an animal model by a COX-2 independent mechanism. <i>Cancer Chemotherapy and Pharmacology</i> , 2010, 65, 267-276.	1.1	24
25	Structural features of polysaccharides from edible jambo ( <i>Syzygium jambos</i> ) fruits and antitumor activity of extracted pectins. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1414-1421.	3.6	22
26	Necroptosis mediates the antineoplastic effects of the soluble fraction of polysaccharide from red wine in Walker-256 tumor-bearing rats. <i>Carbohydrate Polymers</i> , 2017, 160, 123-133.	5.1	20
27	Effects of the <i>Crotalus durissus terrificus</i> snake venom on hepatic metabolism and oxidative stress. <i>Journal of Biochemical and Molecular Toxicology</i> , 2011, 25, 195-203.	1.4	19
28	Ruthenium complex exerts antineoplastic effects that are mediated by oxidative stress without inducing toxicity in Walker-256 tumor-bearing rats. <i>Free Radical Biology and Medicine</i> , 2017, 110, 228-239.	1.3	19
29	Sesquiterpene lactones of <i>Moquiniastrum polymorphum</i> subsp. <i>floccosum</i> have antineoplastic effects in Walker-256 tumor-bearing rats. <i>Chemico-Biological Interactions</i> , 2015, 228, 46-56.	1.7	17
30	Atheroprotective effects of <i>Cuphea carthagenensis</i> (Jacq.) J. F. Macbr. in New Zealand rabbits fed with cholesterol-rich diet. <i>Journal of Ethnopharmacology</i> , 2016, 187, 134-145.	2.0	16
31	Effects of silymarin on angiogenesis and oxidative stress in streptozotocin-induced diabetes in mice. <i>Biomedicine and Pharmacotherapy</i> , 2018, 108, 232-243.	2.5	16
32	The GLP-1 analog liraglutide attenuates acute liver injury in mice. <i>Annals of Hepatology</i> , 2019, 18, 918-928.	0.6	16
33	Biocompatible gum arabic-gold nanorod composite as an effective therapy for mistreated melanomas. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 551-561.	3.6	16
34	Effects of the venom and the dermonecrotic toxin LiRecDT1 of <i>Loxosceles intermedia</i> in the rat liver. <i>Toxicon</i> , 2008, 52, 695-704.	0.8	15
35	Sydnone 1: A Mesoionic Compound with Antitumoral and Haematological Effects <i>In Vivo</i> . <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 119, 41-50.	1.2	14
36	Effects of statins on liver cell function and inflammation in septic rats. <i>Journal of Surgical Research</i> , 2012, 178, 888-897.	0.8	13

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37	Selective Cytotoxicity of 1,3,4-Thiadiazolium Mesoionic Derivatives on Hepatocarcinoma Cells (HepG2). PLoS ONE, 2015, 10, e0130046.	1.1	13
38	Blockade of endothelin receptors reduces tumor-induced ongoing pain and evoked hypersensitivity in a rat model of facial carcinoma induced pain. European Journal of Pharmacology, 2018, 818, 132-140.	1.7	13
39	Promising therapeutic use of Baccharis trimera (less.) DC. as a natural hepatoprotective agent against hepatic lesions that are caused by multiple risk factors. Journal of Ethnopharmacology, 2020, 254, 112729.	2.0	13
40	Nuances of PFKFB3 Signaling in Breast Cancer. Clinical Breast Cancer, 2022, 22, e604-e614.	1.1	13
41	Action of Celecoxib on Hepatic Metabolic Changes Induced by the Walker-256 Tumour in Rats. Basic and Clinical Pharmacology and Toxicology, 2007, 101, 294-300.	1.2	11
42	Transport, transformation and distribution space of propofol in the rat liver studied by means of the indicator-dilution technique. Xenobiotica, 2004, 34, 317-334.	0.5	10
43	Antitumoral activity of liraglutide, a new DNMT inhibitor in breast cancer cells in vitro and in vivo. Chemico-Biological Interactions, 2021, 349, 109641.	1.7	10
44	Sydnone SYD-1 affects the metabolic functions of isolated rat hepatocytes. Chemico-Biological Interactions, 2014, 218, 107-114.	1.7	9
45	Salvia lachnostachys Benth has antitumor and chemopreventive effects against solid Ehrlich carcinoma. Molecular Biology Reports, 2019, 46, 4827-4841.	1.0	8
46	Chemical characterization of polysaccharides from Baccharis trimera (Less.) DC. infusion and its hepatoprotective effects. Food Research International, 2020, 136, 109510.	2.9	8
47	Antineoplastic activity of a novel ruthenium complex against human hepatocellular carcinoma (HepG2) and human cervical adenocarcinoma (HeLa) cells. Heliyon, 2020, 6, e03862.	1.4	6
48	Hepatic effects of flunixinâ€meglumin in LPSâ€induced sepsis. Fundamental and Clinical Pharmacology, 2010, 24, 759-769.	1.0	5
49	Andrographolide blocks 50-kHz ultrasonic vocalizations, hyperlocomotion and oxidative stress in an animal model of mania. Journal of Psychiatric Research, 2021, 139, 91-98.	1.5	5
50	A single injection of pregabalin induces short- and long-term beneficial effects on fear memory and anxiety-like behavior in rats with experimental type-1 diabetes mellitus. Metabolic Brain Disease, 2022, 37, 1095-1110.	1.4	4
51	Fruticuline A, a chemically-defined diterpene, exerts antineoplastic effects in vitro and in vivo by multiple mechanisms. Scientific Reports, 2020, 10, 16477.	1.6	3
52	Polysaccharides from green sweet pepper increase the antineoplastic effect of methotrexate on mammary tumor cells. International Journal of Biological Macromolecules, 2020, 158, 1071-1081.	3.6	3
53	Thirty-day experimental diabetes impairs contractility and increases fatigue resistance in rat diaphragm muscle associated with increased anti-oxidative activity. Canadian Journal of Physiology and Pharmacology, 2020, 98, 490-497.	0.7	3
54	Characterization of an alcoholic hepatic steatosis model induced by ethanol and high-fat diet in rats. Brazilian Archives of Biology and Technology, 2015, 58, 367-378.	0.5	2

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55	Effects of a new antiprotozoal drug, N,N <sup>o</sup> 2 -diphenyl-4-methoxy-benzamidine, on energy-linked functions of rat liver mitochondria. <i>Chemico-Biological Interactions</i> , 2018, 279, 34-42.	1.7	2
56	Carbohydrates from <i>Mikania glomerata</i> Spreng tea: Chemical characterization and hepatoprotective effects. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2020, 24, 100227.	1.5	2
57	Induction of diabetes in Wistar rats: is the streptozotocin model feasible at any age?. <i>Brazilian Journal of Development</i> , 2020, 6, 40153-40164.	0.0	2
58	Impacts of COVID-19 in Breast Cancer: From Molecular Mechanism to the Treatment Approach. <i>Current Pharmaceutical Biotechnology</i> , 2023, 24, 238-252.	0.9	2
59	Myricitrin exhibits antidepressant-like effects and reduces IL-6 hippocampal levels in the chronic mild stress model. <i>Behavioural Brain Research</i> , 2022, 429, 113905.	1.2	2
60	MG-Pe: A Novel Galectin-3 Ligand with Antimelanoma Properties and Adjuvant Effects to Dacarbazine. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7635.	1.8	2
61	Pharmacological study of a cannabinoid-containing eyedrop formulation in dogs and mice. <i>Journal of Applied Biomedicine</i> , 2016, 14, 41-48.	0.6	1
62	Avaliaçãõ dos efeitos do flunixin meglumine sobre a concentraçãõ sã©rica de progesterona e ciclo estral em novilhas e vacas mestiãas. <i>Revista Brasileira De Ciãncia Veterinãria</i> , 2008, 15, 10-14.	0.0	1
63	Alcoholic liver steatosis in mice is aggravated by low-protein diet and reversed by FXR agonist. <i>BMC Proceedings</i> , 2012, 6, .	1.8	0
64	LIRAGLUTIDE AS A NOVEL DNA DEMETHYLATING AGENT AND ITS POTENTIAL USE IN THE ADJUVANT TREATMENT OF HIGLY INVASIVE BREAST CANCER. , 2019, , .		0