

# Fabrizio Figueira<sup>3</sup>

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,504  
citations

331670

21  
h-index

330143

37  
g-index

61  
all docs

61  
docs citations

61  
times ranked

2711  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy inhibition improves the efficacy of curcumin/temozolomide combination therapy in glioblastomas. <i>Cancer Letters</i> , 2015, 358, 220-231.	7.2	162
2	Indomethacin-loaded nanocapsules treatment reduces in vivo glioblastoma growth in a rat glioma model. <i>Cancer Letters</i> , 2009, 281, 53-63.	7.2	126
3	Kaempferol-loaded mucoadhesive nanoemulsion for intranasal administration reduces glioma growth in vitro. <i>International Journal of Pharmaceutics</i> , 2018, 543, 214-223.	5.2	112
4	Phenotypic and functional characteristics of CD39 <sup>high</sup> human regulatory B cells (Breg). <i>OncoImmunology</i> , 2016, 5, e1082703.	4.6	99
5	Resveratrol-Loaded Lipid-Core Nanocapsules Treatment Reduces <i>In Vitro</i> and <i>In Vivo</i> Glioma Growth. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 516-526.	1.1	85
6	Novel hybrid DHPM-fatty acids: Synthesis and activity against glioma cell growth <i>In Vitro</i> . <i>European Journal of Medicinal Chemistry</i> , 2015, 95, 552-562.	5.5	60
7	Damage-associated molecular patterns (DAMPs) related to immunogenic cell death are differentially triggered by clinically relevant chemotherapeutics in lung adenocarcinoma cells. <i>BMC Cancer</i> , 2020, 20, 474.	2.6	59
8	Selective cytotoxicity of indomethacin and indomethacin ethyl ester-loaded nanocapsules against glioma cell lines: An in vitro study. <i>European Journal of Pharmacology</i> , 2008, 586, 24-34.	3.5	42
9	Boldine induces cell cycle arrest and apoptosis in T24 human bladder cancer cell line via regulation of ERK, AKT, and GSK-3 $\beta$ . <i>Urologic Oncology: Seminars and Original Investigations</i> , 2014, 32, 36.e1-36.e9.	1.6	41
10	Involvement of purinergic system in the release of cytokines by macrophages exposed to glioma-conditioned medium. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 721-729.	2.6	41
11	Anticancer activity of flavonoids isolated from <i>Achyrocline satureioides</i> in gliomas cell lines. <i>Toxicology in Vitro</i> , 2018, 51, 23-33.	2.4	39
12	Selective cytotoxicity and apoptosis induction in glioma cell lines by 5-oxygenated-6,7-methylenedioxycoumarins from <i>Pterocaulon</i> species. <i>European Journal of Medicinal Chemistry</i> , 2012, 57, 268-274.	5.5	34
13	Methotrexate up-regulates ecto-5'-nucleotidase/CD73 and reduces the frequency of T lymphocytes in the glioblastoma microenvironment. <i>Purinergic Signalling</i> , 2016, 12, 303-312.	2.2	33
14	Quercetin derivative induces cell death in glioma cells by modulating NF- $\kappa$ B nuclear translocation and caspase-3 activation. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 84, 116-122.	4.0	32
15	Solid Dispersion of Kaempferol: Formulation Development, Characterization, and Oral Bioavailability Assessment. <i>AAPS PharmSciTech</i> , 2019, 20, 106.	3.3	31
16	Pharmacological Improvement and Preclinical Evaluation of Methotrexate-Loaded Lipid-Core Nanocapsules in a Glioblastoma Model. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1808-1818.	1.1	29
17	Insights into Ecto-5'-Nucleotidase as a New Target for Cancer Therapy: A Medicinal Chemistry Study. <i>Current Medicinal Chemistry</i> , 2015, 22, 1776-1792.	2.4	29
18	Hydrolysis of ATP, ADP, and AMP is increased in blood plasma of prostate cancer patients. <i>Purinergic Signalling</i> , 2019, 15, 95-105.	2.2	25

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19	Validation of an HPLC-UV method for analysis of Kaempferol-loaded nanoemulsion and its application to in vitro and in vivo tests. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 831-837.	2.8	24
20	Ecto-5â€™-Nucleotidase Overexpression Reduces Tumor Growth in a Xenograph Medulloblastoma Model. <i>PLoS ONE</i> , 2015, 10, e0140996.	2.5	24
21	Quinovic acid glycosides purified fraction from <i>Uncaria tomentosa</i> induces cell death by apoptosis in the T24 human bladder cancer cell line. <i>Food and Chemical Toxicology</i> , 2014, 67, 222-229.	3.6	23
22	CD39 and CD73 as Promising Therapeutic Targets: What Could Be the Limitations?. <i>Frontiers in Pharmacology</i> , 2021, 12, 633603.	3.5	23
23	A monastrol-derived compound, LaSOM 63, inhibits ecto-5' nucleotidase/CD73 activity and induces apoptotic cell death of glioma cell lines. <i>Anticancer Research</i> , 2014, 34, 1837-42.	1.1	22
24	Labeling the oily core of nanocapsules and lipid-core nanocapsules with a triglyceride conjugated to a fluorescent dye as a strategy to particle tracking in biological studies. <i>Nanoscale Research Letters</i> , 2014, 9, 233.	5.7	20
25	NTPDase3 and ecto-5â€™-nucleotidase/CD73 are differentially expressed during mouse bladder cancer progression. <i>Purinergic Signalling</i> , 2014, 10, 421-430.	2.2	19
26	Characterization and antiproliferative activity of glioma-derived extracellular vesicles. <i>Nanomedicine</i> , 2020, 15, 1001-1018.	3.3	19
27	Galantamine administration reduces reactive astrogliosis and upregulates the antiâ€™oxidant enzyme catalase in rats submitted to neonatal hypoxia ischemia. <i>International Journal of Developmental Neuroscience</i> , 2017, 62, 15-24.	1.6	16
28	Ecto-5â€™-nucleotidase/CD73 contributes to the radiosensitivity of T24 human bladder cancer cell line. <i>Journal of Cancer Research and Clinical Oncology</i> , 2018, 144, 469-482.	2.5	16
29	Interference of ursolic acid treatment with glioma growth: An in vitro and in vivo study. <i>European Journal of Pharmacology</i> , 2017, 811, 268-275.	3.5	15
30	Chitosan-coated rosmarinic acid nanoemulsion nasal administration protects against LPS-induced memory deficit, neuroinflammation, and oxidative stress in Wistar rats. <i>Neurochemistry International</i> , 2020, 141, 104875.	3.8	15
31	Exosomes: Small EVs with Large Immunomodulatory Effect in Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3600.	4.1	15
32	Effect of N-1 arylation of monastrol on kinesin Eg5 inhibition in glioma cell lines. <i>MedChemComm</i> , 2018, 9, 995-1010.	3.4	14
33	Versatility of the Biginelli reaction: Synthesis of new biphenyl dihydropyrimidin-2-thiones using different ketones as building blocks. <i>Tetrahedron Letters</i> , 2018, 59, 2759-2762.	1.4	14
34	Chitosan-Coated Lipid-Core Nanocapsules Functionalized with Gold-III and Bevacizumab Induced In Vitro Cytotoxicity against C6 Cell Line and In Vivo Potent Antiangiogenic Activity. <i>Pharmaceutical Research</i> , 2020, 37, 91.	3.5	12
35	Influence of NSAIDs and methotrexate on CD73 expression and glioma cell growth. <i>Purinergic Signalling</i> , 2021, 17, 273-284.	2.2	10
36	1,2,3-Triazole tethered 2-mercaptobenzimidazole derivatives: design, synthesis and molecular assessment toward C6 glioma cell line. <i>Future Medicinal Chemistry</i> , 2020, 12, 689-708.	2.3	9

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37	Effect of Proline on Cell Death, Cell Cycle, and Oxidative Stress in C6 Glioma Cell Line. <i>Neurotoxicity Research</i> , 2021, 39, 327-334.	2.7	9
38	Activity of LaSOM 65, a monastrol-derived compound, against glioblastoma multiforme cell lines. <i>Anticancer Research</i> , 2013, 33, 4463-8.	1.1	9
39	Extracellular vesicles in cancer progression: are they part of the problem or part of the solution?. <i>Nanomedicine</i> , 2020, 15, 2625-2641.	3.3	8
40	Nose-to-brain delivery of simvastatin mediated by chitosan-coated lipid-core nanocapsules allows for the treatment of glioblastoma in vivo. <i>International Journal of Pharmaceutics</i> , 2022, 616, 121563.	5.2	8
41	4-Methylcoumarins with cytotoxic activity against T24 and RT4 human bladder cancer cell lines. <i>MedChemComm</i> , 2015, 6, 905-911.	3.4	7
42	Retinoic acid downregulates thiol antioxidant defences and homologous recombination while promotes A549 cells sensitization to cisplatin. <i>Cellular Signalling</i> , 2019, 62, 109356.	3.6	7
43	Identification of novel $\beta$ -tubulin modulators with antiproliferative activity directed to cancer therapy using ligand and structure-based virtual screening. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 3040-3050.	7.5	7
44	Acute moderate-intensity aerobic exercise promotes purinergic and inflammatory responses in sedentary, overweight and physically active subjects. <i>Experimental Physiology</i> , 2021, 106, 1024-1037.	2.0	7
45	Effect of ketogenic diet on nucleotide hydrolysis and hepatic enzymes in blood serum of rats in a lithium-pilocarpine-induced status epilepticus. <i>Metabolic Brain Disease</i> , 2010, 25, 211-217.	2.9	6
46	P2X7 Purinergic Receptor Is Involved in the Pathophysiology of Mania: a Preclinical Study. <i>Molecular Neurobiology</i> , 2020, 57, 1347-1360.	4.0	6
47	New pharmacological findings linked to biphenyl DHPMs, kinesin Eg5 ligands: anticancer and antioxidant effects. <i>Future Medicinal Chemistry</i> , 2020, 12, 1137-1154.	2.3	6
48	3-O-Methylquercetin from <i>Achyrocline satureioides</i> cytotoxic activity against A375-derived human melanoma cell lines and its incorporation into cyclodextrins-hydrogels for topical administration. <i>Drug Delivery and Translational Research</i> , 2021, 11, 2151-2168.	5.8	6
49	Lithium-induced neuroprotective activity in neuronal and microglial cells: A purinergic perspective. <i>Psychiatry Research</i> , 2021, 295, 113562.	3.3	5
50	Inosine prevents hyperlocomotion in a ketamine-induced model of mania in rats. <i>Brain Research</i> , 2020, 1733, 146721.	2.2	4
51	EGFRvIII peptide nanocapsules and bevacizumab nanocapsules: a nose-to-brain multitarget approach against glioblastoma. <i>Nanomedicine</i> , 2021, 16, 1775-1790.	3.3	4
52	BRCA-1 depletion impairs pro-inflammatory polarization and activation of RAW 264.7 macrophages in a NF- $\kappa$ B-dependent mechanism. <i>Molecular and Cellular Biochemistry</i> , 2019, 462, 11-23.	3.1	3
53	Ethylmalonic acid impairs bioenergetics by disturbing succinate and glutamate oxidation and induces mitochondrial permeability transition pore opening in rat cerebellum. <i>Journal of Neurochemistry</i> , 2021, 158, 262-281.	3.9	3
54	New insights into cytotoxic mechanisms of bozepinib against glioblastoma. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 162, 105823.	4.0	3

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55	A ketogenic diet did not prevent effects on the ectonucleotidases pathway promoted by lithium-pilocarpine-induced status epilepticus in rat hippocampus. <i>Metabolic Brain Disease</i> , 2012, 27, 471-478.	2.9	2
56	Atropisomerism in <i>N</i> -Caryl Substituted 3,4-dihydropyrimidin-2(1H)-thiones. <i>ChemistrySelect</i> , 2020, 5, 13212-13222.	1.5	2
57	Nanoformulation Shows Cytotoxicity against Glioblastoma Cell Lines and Antiangiogenic Activity in Chicken Chorioallantoic Membrane. <i>Pharmaceutics</i> , 2021, 13, 862.	4.5	2
58	Development of bozepinib-loaded nanocapsules for nose-to-brain delivery: preclinical evaluation in glioblastoma. <i>Nanomedicine</i> , 2021, 16, 2095-2115.	3.3	1
59	Biochemical characterization of adenosine deaminase (CD26; EC 3.5.4.4) activity in human lymphocyte-rich peripheral blood mononuclear cells. <i>Brazilian Journal of Medical and Biological Research</i> , 2021, 54, e10850.	1.5	0
60	Modulatory Effects of Acute Aerobic Moderate Exercise on Purinergic Enzymes in Sedentary and Physically Active Males. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.5	0