

Claudio Tabolacci

List of Publications by Year in descending order

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51
papers

2,815
citations

304743

22
h-index

189892

50
g-index

51
all docs

51
docs citations

51
times ranked

4360
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	10
2	Beneficial Role of Phytochemicals on Oxidative Stress and Age-Related Diseases. BioMed Research International, 2019, 2019, 1-16.	1.9	282
3	Antitumor properties of aloe-emodin and induction of transglutaminase 2 activity in B16-F10 melanoma cells. Life Sciences, 2010, 87, 316-324.	4.3	75
4	TNF-alpha and metalloproteases as key players in melanoma cells aggressiveness. Journal of Experimental and Clinical Cancer Research, 2018, 37, 326.	8.6	73
5	Chili Pepper Consumption and Mortality in Italian Adults. Journal of the American College of Cardiology, 2019, 74, 3139-3149.	2.8	57
6	Targeting Tumor Cells through Chitosan-Folate Modified Microcapsules Loaded with Camptothecin. Bioconjugate Chemistry, 2011, 22, 1066-1072.	3.6	52
7	Aloe-emodin exerts a potent anticancer and immunomodulatory activity on BRAF-mutated human melanoma cells. European Journal of Pharmacology, 2015, 762, 283-292.	3.5	43
8	Aloin enhances cisplatin antineoplastic activity in B16-F10 melanoma cells by transglutaminase-induced differentiation. Amino Acids, 2013, 44, 293-300.	2.7	37
9	Aloe-emodin as antiproliferative and differentiating agent on human U937 monoclastic leukemia cells. Life Sciences, 2011, 89, 812-820.	4.3	36
10	Transglutaminases: key regulators of cancer metastasis. Amino Acids, 2013, 44, 25-32.	2.7	36
11	The Role of Tissue Transglutaminase in Cancer Cell Initiation, Survival and Progression. Medical Sciences (Basel, Switzerland), 2019, 7, 19.	2.9	36
12	Flavonoids: A Myth or a Reality for Cancer Therapy?. Molecules, 2021, 26, 3583.	3.8	36
13	Lipid Storage and Autophagy in Melanoma Cancer Cells. International Journal of Molecular Sciences, 2017, 18, 1271.	4.1	35
14	Anthraquinones danthron and quinizarin exert antiproliferative and antimetastatic activity on murine B16-F10 melanoma cells. Anticancer Research, 2010, 30, 445-9.	1.1	35
15	Similar antineoplastic effects of nimesulide, a selective COX-2 inhibitor, and prostaglandin E1 on B16-F10 murine melanoma cells. Melanoma Research, 2010, 20, 273-279.	1.2	33
16	Metabolic correlations of glucocorticoids and polyamines in inflammation and apoptosis. Amino Acids, 2010, 39, 29-43.	2.7	31
17	Inhibition of cell proliferation, migration and invasion of B16-F10 melanoma cells by Î±-mangostin. Biochemical and Biophysical Research Communications, 2014, 450, 1512-1517.	2.1	31
18	Antineoplastic activity of strawberry (Fragaria Ã— ananassa Duch.) crude extracts on B16-F10 melanoma cells. Molecular BioSystems, 2014, 10, 1255-1263.	2.9	31

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19	Nicotinamide inhibits melanoma in vitro and in vivo. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 211.	8.6	30
20	Evidences for a role of protein cross-links in transglutaminase-related disease. <i>Amino Acids</i> , 2012, 42, 975-986.	2.7	29
21	Reduction by coffee consumption of prostate cancer risk: Evidence from the Moliá€sani cohort and cellular models. <i>International Journal of Cancer</i> , 2017, 141, 72-82.	5.1	27
22	Transglutaminase-dependent antiproliferative and differentiative properties of nimesulide on B16-F10 mouse melanoma cells. <i>Amino Acids</i> , 2010, 38, 257-262.	2.7	25
23	PDGFR-alpha inhibits melanoma growth via CXCL10/IP-10: a multi-omics approach. <i>Oncotarget</i> , 2016, 7, 77257-77275.	1.8	22
24	Proteiná€polyamine conjugates by transglutaminase 2 as potential markers for antineoplastic screening of natural compounds. <i>Amino Acids</i> , 2009, 36, 701-708.	2.7	20
25	Phytochemicals and proteiná€polyamine conjugates by transglutaminase as chemopreventive and chemotherapeutic tools in cancer. <i>Plant Physiology and Biochemistry</i> , 2010, 48, 627-633.	5.8	20
26	Diagnostic and prognostic potential of the proteomic profiling of serum-derived extracellular vesicles in prostate cancer. <i>Cell Death and Disease</i> , 2021, 12, 636.	6.3	20
27	Does polyamine oxidase activity influence the oxidative metabolism of children who suffer of diabetes mellitus?. <i>Molecular and Cellular Biochemistry</i> , 2010, 341, 79-85.	3.1	17
28	Caffeic Acid Enhances the Anti-Leukemic Effect of Imatinib on Chronic Myeloid Leukemia Cells and Triggers Apoptosis in Cells Sensitive and Resistant to Imatinib. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1644.	4.1	17
29	Synergic effect of Î±-tocopherol and naringenin in transglutaminase-induced differentiation of human prostate cancer cells. <i>Amino Acids</i> , 2011, 41, 1207-1214.	2.7	16
30	Tissue transglutaminase activity protects from cutaneous melanoma metastatic dissemination: an in vivo study. <i>Amino Acids</i> , 2013, 44, 53-61.	2.7	16
31	Spermidine Delays Eye Lens Opacification in vitro by Suppressing Transglutaminase-Catalyzed Crystallin Cross-Linking. <i>Protein Journal</i> , 2011, 30, 109-114.	1.6	15
32	Antitumor Activity of Theophylline in Combination with Paclitaxel: A Preclinical Study on Melanoma Experimental Lung Metastasis. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2010, 25, 497-503.	1.0	14
33	Theophylline induces differentiation and modulates cytoskeleton dynamics and cytokines secretion in human melanoma-initiating cells. <i>Life Sciences</i> , 2019, 230, 121-131.	4.3	14
34	Role of transglutaminase 2 in quercetin-induced differentiation of B16-F10 murine melanoma cells. <i>Amino Acids</i> , 2009, 36, 731-738.	2.7	12
35	Investigating Serum and Tissue Expression Identified a Cytokine/Chemokine Signature as a Highly Effective Melanoma Marker. <i>Cancers</i> , 2020, 12, 3680.	3.7	12
36	Evaluation of polyamines as marker of melanoma cell proliferation and differentiation by an improved high-performance liquid chromatographic method. <i>Amino Acids</i> , 2019, 51, 1623-1631.	2.7	11

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37	Natural Compounds against Cancer, Inflammation, and Oxidative Stress. <i>BioMed Research International</i> , 2019, 2019, 1-2.	1.9	11
38	PVA engineered microcapsules for targeted delivery of camptothecin to HeLa cells. <i>Materials Science and Engineering C</i> , 2011, 31, 1653-1659.	7.3	10
39	Melanoma Cell Resistance to Vemurafenib Modifies Inter-Cellular Communication Signals. <i>Biomedicines</i> , 2021, 9, 79.	3.2	10
40	Preclinical evaluation of the antineoplastic efficacy of 7-(2-hydroxyethyl)theophylline on melanoma cancer cells. <i>Melanoma Research</i> , 2012, 22, 133-139.	1.2	9
41	Hippocampal polyamine levels and transglutaminase activity are paralleling spatial memory retrieval in the C57BL/6J mouse. <i>Hippocampus</i> , 2012, 22, 1068-1074.	1.9	9
42	Post-translational modification of glutamine and lysine residues of HIV-1 aspartyl protease by transglutaminase increases its catalytic activity. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 546-550.	2.1	7
43	Transglutaminase type 2 affects cell migration through post-translational modification of platelet-derived growth factor-BB. <i>Amino Acids</i> , 2017, 49, 473-481.	2.7	7
44	Virus like particles of GII.4 norovirus bind Toll Like Receptors 2 and 5. <i>Immunology Letters</i> , 2019, 215, 40-44.	2.5	6
45	Targeting Melanoma-Initiating Cells by Caffeine: In Silico and In Vitro Approaches. <i>Molecules</i> , 2021, 26, 3619.	3.8	6
46	Reduction of oxidative stress and ornithine decarboxylase expression in a human prostate cancer cell line PC-3 by a combined treatment with α -tocopherol and naringenin. <i>Amino Acids</i> , 2021, 53, 63-72.	2.7	4
47	Polyamine Oxidase Is Involved in Spermidine Reduction of Transglutaminase Type 2-Catalyzed ^2H -Crystallins Polymerization in Calcium-Induced Experimental Cataract. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5427.	4.1	3
48	Abstract O25: Mediterranean Diet Trajectories And Changes In Cardiovascular Risk Factors And Inflammation Markers Over A 12.7 Years Follow-up: Prospective Findings From The Moli-sani Study Cohort. <i>Circulation</i> , 2021, 143, .	1.6	3
49	An Interstitial 17q11.2 de novo Deletion Involving the CDK5R1 Gene in a High-Functioning Autistic Patient. <i>Molecular Syndromology</i> , 2018, 9, 247-252.	0.8	2
50	Molecular biomarkers to track clinical improvement following an integrative treatment model in autistic toddlers. <i>Acta Neuropsychiatrica</i> , 2021, 33, 267-272.	2.1	2
51	Reply. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1866-1867.	2.8	0