

Michael Danilenko

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2139273/michael-danilenko-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

80
papers

3,463
citations

30
h-index

58
g-index

97
ext. papers

3,782
ext. citations

4.6
avg, IF

4.56
L-index

#	Paper	IF	Citations
80	Lycopene is a more potent inhibitor of human cancer cell proliferation than either alpha-carotene or beta-carotene. <i>Nutrition and Cancer</i> , 1995 , 24, 257-66	2.8	435
79	Lycopene interferes with cell cycle progression and insulin-like growth factor I signaling in mammary cancer cells. <i>Nutrition and Cancer</i> , 2000 , 36, 101-11	2.8	276
78	Carotenoids activate the antioxidant response element transcription system. <i>Molecular Cancer Therapeutics</i> , 2005 , 4, 177-86	6.1	205
77	Lycopene inhibition of cell cycle progression in breast and endometrial cancer cells is associated with reduction in cyclin D levels and retention of p27(Kip1) in the cyclin E-cdk2 complexes. <i>Oncogene</i> , 2001 , 20, 3428-36	9.2	189
76	Lycopene and 1,25-dihydroxyvitamin D3 cooperate in the inhibition of cell cycle progression and induction of differentiation in HL-60 leukemic cells. <i>Nutrition and Cancer</i> , 1999 , 33, 105-12	2.8	178
75	Effect of purified allicin, the major ingredient of freshly crushed garlic, on cancer cell proliferation. <i>Nutrition and Cancer</i> , 2000 , 38, 245-54	2.8	162
74	Structure activity relationship of carotenoid derivatives in activation of the electrophile/antioxidant response element transcription system. <i>Free Radical Biology and Medicine</i> , 2009 , 47, 659-67	7.8	123
73	Carotenoids and apocarotenoids in cellular signaling related to cancer: a review. <i>Molecular Nutrition and Food Research</i> , 2012 , 56, 259-69	5.9	121
72	Carotenoids and transcription. <i>Archives of Biochemistry and Biophysics</i> , 2004 , 430, 89-96	4.1	93
71	Carnosic acid and promotion of monocytic differentiation of HL60-G cells initiated by other agents. <i>Journal of the National Cancer Institute</i> , 2001 , 93, 1224-33	9.7	89
70	Carnosic acid potentiates the antioxidant and prodifferentiation effects of 1alpha,25-dihydroxyvitamin D3 in leukemia cells but does not promote elevation of basal levels of intracellular calcium. <i>Cancer Research</i> , 2003 , 63, 1325-32	10.1	81
69	The anti-cancer effects of carotenoids and other phytonutrients resides in their combined activity. <i>Archives of Biochemistry and Biophysics</i> , 2015 , 572, 28-35	4.1	79
68	Carnosic acid inhibits proliferation and augments differentiation of human leukemic cells induced by 1,25-dihydroxyvitamin D3 and retinoic acid. <i>Nutrition and Cancer</i> , 2001 , 41, 135-44	2.8	79
67	Lycopene and other carotenoids inhibit estrogenic activity of 17beta-estradiol and genistein in cancer cells. <i>Breast Cancer Research and Treatment</i> , 2007 , 104, 221-30	4.4	77
66	Programmed cell death-4 tumor suppressor protein contributes to retinoic acid-induced terminal granulocytic differentiation of human myeloid leukemia cells. <i>Molecular Cancer Research</i> , 2007 , 5, 95-108	6.6	77
65	Lycopene inhibition of IGF-induced cancer cell growth depends on the level of cyclin D1. <i>European Journal of Nutrition</i> , 2006 , 45, 275-82	5.2	72
64	Effects of acyclo-retinoic acid and lycopene on activation of the retinoic acid receptor and proliferation of mammary cancer cells. <i>Archives of Biochemistry and Biophysics</i> , 2001 , 391, 295-302	4.1	71

63	Cooperative antitumor effects of vitamin D3 derivatives and rosemary preparations in a mouse model of myeloid leukemia. <i>International Journal of Cancer</i> , 2006 , 118, 3012-21	7.5	65
62	Cooperation between antioxidants and 1,25-dihydroxyvitamin D3 in induction of leukemia HL60 cell differentiation through the JNK/AP-1/Egr-1 pathway. <i>Journal of Cellular Physiology</i> , 2005 , 204, 964-74	7.4	61
61	Distinct combinatorial effects of the plant polyphenols curcumin, carnosic acid, and silibinin on proliferation and apoptosis in acute myeloid leukemia cells. <i>Nutrition and Cancer</i> , 2010 , 62, 811-24	2.8	59
60	The role of lycopene and its derivatives in the regulation of transcription systems: implications for cancer prevention. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 1173S-8S	7	51
59	Enhancement by other compounds of the anti-cancer activity of vitamin D(3) and its analogs. <i>Experimental Cell Research</i> , 2004 , 298, 339-58	4.2	51
58	Membrane-associated insulin-like growth factor-binding protein-3 inhibits insulin-like growth factor-I-induced insulin-like growth factor-I receptor signaling in ishikawa endometrial cancer cells. <i>Journal of Biological Chemistry</i> , 1997 , 272, 16514-20	5.4	49
57	The Nrf2 transcription factor is a positive regulator of myeloid differentiation of acute myeloid leukemia cells. <i>Cancer Biology and Therapy</i> , 2011 , 11, 317-29	4.6	48
56	Synergistic antileukemic activity of carnosic acid-rich rosemary extract and the 19-nor Gemini vitamin D analogue in a mouse model of systemic acute myeloid leukemia. <i>Oncology</i> , 2008 , 75, 203-14	3.6	46
55	Stimulation of endometrial cancer cell growth by tamoxifen is associated with increased insulin-like growth factor (IGF)-I induced tyrosine phosphorylation and reduction in IGF binding proteins. <i>Endocrinology</i> , 1996 , 137, 1089-95	4.8	44
54	Intracellular Ca ²⁺ regulates the phosphorylation and the dephosphorylation of ciliary proteins via the NO pathway. <i>Journal of General Physiology</i> , 2004 , 124, 527-40	3.4	43
53	Inhibition of Cot1/Tlp2 oncogene in AML cells reduces ERK5 activation and up-regulates p27Kip1 concomitant with enhancement of differentiation and cell cycle arrest induced by silibinin and 1,25-dihydroxyvitamin D(3). <i>Cell Cycle</i> , 2010 , 9, 4542-51	4.7	41
52	Molecular mechanisms for the anticancer activity of the carotenoid lycopene. <i>Drug Development Research</i> , 2000 , 50, 448-456	5.1	40
51	Cancer-selective cytotoxic Ca ²⁺ overload in acute myeloid leukemia cells and attenuation of disease progression in mice by synergistically acting polyphenols curcumin and carnosic acid. <i>Oncotarget</i> , 2016 , 7, 31847-61	3.3	31
50	ERK 5/MAPK pathway has a major role in 1,25-(OH) ₂ vitamin D3-induced terminal differentiation of myeloid leukemia cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 144 Pt A, 223-7	5.1	28
49	Role of gene regulation in the anticancer activity of carotenoids. <i>Pure and Applied Chemistry</i> , 2002 , 74, 1469-1477	2.1	28
48	Selective effects of mastoparan analogs: separation of G-protein-directed and membrane-perturbing activities. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 196, 1296-302	3.4	28
47	Modulation of transcriptional activity by antioxidant carotenoids. <i>Molecular Aspects of Medicine</i> , 2003 , 24, 371-84	16.7	25
46	ERK5 pathway regulates transcription factors important for monocytic differentiation of human myeloid leukemia cells. <i>Journal of Cellular Physiology</i> , 2014 , 229, 856-67	7	23

45	Silibinin can induce differentiation as well as enhance vitamin D3-induced differentiation of human AML cells ex vivo and regulates the levels of differentiation-related transcription factors. <i>Hematological Oncology</i> , 2010 , 28, 124-32	1.3	22
44	Differential enhancement of leukaemia cell differentiation without elevation of intracellular calcium by plant-derived sesquiterpene lactone compounds. <i>British Journal of Pharmacology</i> , 2008 , 155, 814-25	8.6	22
43	Vitamin D Control of Hematopoietic Cell Differentiation and Leukemia. <i>Journal of Cellular Biochemistry</i> , 2015 , 116, 1500-12	4.7	19
42	The MAPK ERK5, but not ERK1/2, inhibits the progression of monocytic phenotype to the functioning macrophage. <i>Experimental Cell Research</i> , 2015 , 330, 199-211	4.2	19
41	Polyphenols, isothiocyanates, and carotenoid derivatives enhance estrogenic activity in bone cells but inhibit it in breast cancer cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 303, E815-24	6	19
40	Tumor suppressor p53 status does not determine the differentiation-associated G1 cell cycle arrest induced in leukemia cells by 1,25-dihydroxyvitamin D α and antioxidants. <i>Cancer Biology and Therapy</i> , 2010 , 10, 344-50	4.6	17
39	Differentiation-inducing potency of the seco-steroid JK-1624F2-2 can be increased by combination with an antioxidant and a p38MAPK inhibitor which upregulates the JNK pathway. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007 , 105, 140-9	5.1	14
38	Components of the IGF system mediate the opposing effects of tamoxifen on endometrial and breast cancer cell growth. <i>Progress in Growth Factor Research</i> , 1995 , 6, 513-20		13
37	The assembly of neutrophil NADPH oxidase: effects of mastoparan and its synthetic analogues. <i>Biochemical Journal</i> , 1995 , 310 (Pt 2), 715-9	3.8	13
36	Cooperative antiproliferative and differentiation-enhancing activity of medicinal plant extracts in acute myeloid leukemia cells. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 82, 80-9	7.5	13
35	Novel analogs of 1,25-dihydroxyvitamin D combined with a plant polyphenol as highly efficient inducers of differentiation in human acute myeloid leukemia cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016 , 164, 59-65	5.1	12
34	Antitumor activity of ethanol extract from Hippophae rhamnoides L. leaves towards human acute myeloid leukemia cells in vitro. <i>Bulletin of Experimental Biology and Medicine</i> , 2014 , 158, 252-5	0.8	11
33	Carnosic Acid Inhibits Proliferation and Augments Differentiation of Human Leukemic Cells Induced by 1,25-Dihydroxyvitamin D α and Retinoic Acid. <i>Nutrition and Cancer</i> , 2001 , 41, 135-144	2.8	10
32	Dimethyl fumarate and vitamin D derivatives cooperatively enhance VDR and Nrf2 signaling in differentiating AML cells in vitro and inhibit leukemia progression in a xenograft mouse model. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 188, 8-16	5.1	10
31	Keep Harm at Bay: Oxidative Phosphorylation Induces Nrf2-Driven Antioxidant Response Via ERK5/MEF2/miR-23a Signaling to Keap-1. <i>EBioMedicine</i> , 2016 , 3, 4-5	8.8	9
30	Membrane processes and biophysical characterization of living cells decorated with chromatic polydiacetylene vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008 , 1778, 1335-43	3.8	8
29	A composition of medicinal plants with an enhanced ability to suppress microsomal lipid peroxidation and a protective activity against carbon tetrachloride-induced hepatotoxicity. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 96, 1283-1291	7.5	7
28	Prodifferentiation Activity of Novel Vitamin D α Analogs PRI-1916 and PRI-1917 and Their Combinations with a Plant Polyphenol in Acute Myeloid Leukemia Cells. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	7

27	Cell-Type-Specific Effects of Silibinin on Vitamin D-Induced Differentiation of Acute Myeloid Leukemia Cells Are Associated with Differential Modulation of RXR Levels. <i>Leukemia Research and Treatment</i> , 2012 , 2012, 401784		6
26	Participation of vitamin D-upregulated protein 1 (TXNIP)-ASK1-JNK1 signalosome in the enhancement of AML cell death by a post-cytotoxic differentiation regimen. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019 , 187, 166-173	5.1	6
25	Cardiolipin mediates curcumin interactions with mitochondrial membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019 , 1861, 75-82	3.8	6
24	Preferential anti-proliferative activity of <i>Varthemia iphionoides</i> (<i>Chiliadenus iphionoides</i>). <i>Israel Journal of Plant Sciences</i> , 2015 , 62, 229-233	0.6	5
23	Na(+)-K(+)-ATPase in frog esophagus mucociliary cell membranes: inhibition by protein kinase C activation. <i>American Journal of Physiology - Cell Physiology</i> , 1997 , 273, C1842-8	5.4	4
22	Synergistic Cytotoxicity of Methyl 4-Hydroxycinnamate and Carnosic Acid to Acute Myeloid Leukemia Cells Calcium-Dependent Apoptosis Induction. <i>Frontiers in Pharmacology</i> , 2019 , 10, 507	5.6	3
21	DNA damage response: a barrier or a path to tumor progression?. <i>Cancer Biology and Therapy</i> , 2010 , 9, 253-5	4.6	3
20	Vitamin D Effects on Differentiation and Cell Cycle 2011 , 1625-1656		3
19	Carnosic acid increases sorafenib-induced inhibition of ERK1/2 and STAT3 signaling which contributes to reduced cell proliferation and survival of hepatocellular carcinoma cells. <i>Oncotarget</i> , 2020 , 11, 3129-3143	3.3	2
18	The Role of Tomato Lycopene in Cancer Prevention 2011 , 47-66		2
17	Differentiation and cell survival of myeloid leukemia cells. <i>Leukemia Research and Treatment</i> , 2012 , 2012, 370375		1
16	Tomato Carotenoids and the IGF System in Cancer 2008 , 395-410		1
15	Differentiation and the Cell Cycle 2005 , 1635-1661		1
14	Anticancer Activity of Carotenoids. <i>Oxidative Stress and Disease</i> , 2004 , 165-196		1
13	The Tomato Carotenoid Lycopene and Cancer 1997 , 209-212		1
12	The plant-derived polyphenol carnosic acid arrests cancer cells growth via alteration of mitochondria metabolism. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2016 , 1857, e112	4.6	1
11	Differentiation agents increase the potential AraC therapy of AML by reactivating cell death pathways without enhancing ROS generation. <i>Journal of Cellular Physiology</i> , 2020 , 235, 573-586	7	1
10	Effects of Vitamin D Derivatives on Differentiation, Cell Cycle, and Apoptosis in Hematological Malignancies 2018 , 761-799		0

- 9 Enhancement by other compounds of the anti-cancer activity of vitamin D3 and its analogs. *Experimental Cell Research*, **2004**, 298, 339-339 4.2
- 8 MECHANISMS OF ACTION OF THE ANTIOXIDANT LYCOPENE IN CANCER **1999**, 377-384
- 7 LYCOPENE, THE MAJOR TOMATO CAROTENOID, DELAYS CELL CYCLE PROGRESSION IN CANCER CELLS. *Biochemical Society Transactions*, **1996**, 24, 515S-515S 5.1
- 6 Influence of digoxin on the Na,K-ATPase activity, transmembrane potential, and contractile activity of ischemically damaged rat heart. *Pharmaceutical Chemistry Journal*, **1992**, 26, 475-479 0.9
- 5 Cellular mechanism of the dependence of cardiotoxic action of digoxin on the degree of ischemic damage to the myocardium. *Pharmaceutical Chemistry Journal*, **1989**, 23, 451-454 0.9
- 4 Characteristics of sarcolemmal ATPase activity of longitudinal and circular musculature of the canine ileum. *Bulletin of Experimental Biology and Medicine*, **1990**, 110, 1302-1305 0.8
- 3 Changes in activity and regulatory properties of Na,K-ATP-ase from the myocardial sarcolemma during total graded ischemia. *Bulletin of Experimental Biology and Medicine*, **1987**, 104, 901-904 0.8
- 2 Cholinergic regulation of Na, K-ATPase activity from pig kidney. *Bulletin of Experimental Biology and Medicine*, **1984**, 98, 1490-1492 0.8
- 1 Muscarinic cholinceptor-mediated inhibition of sarcolemmal Na,K-ATPase activity of myocardium and intestinal smooth muscles by acetylcholine. *Bulletin of Experimental Biology and Medicine*, **1984**, 98, 1153-1155 0.8