

Michael Danilenko

List of Publications by Year in Descending Order

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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	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
79	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
78	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
77	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
76	Cardiolipin mediates curcumin interactions with mitochondrial membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019 , 1861, 75-82	3.8	6
75	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
74	Effects of Vitamin D Derivatives on Differentiation, Cell Cycle, and Apoptosis in Hematological Malignancies 2018 , 761-799		0
73	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
72	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
71	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
70	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
69	Prodifferentiation Activity of Novel Vitamin D ₃ 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
68	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
67	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
66	Vitamin D Control of Hematopoietic Cell Differentiation and Leukemia. <i>Journal of Cellular Biochemistry</i> , 2015 , 116, 1500-12	4.7	19
65	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
64	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

63	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
62	ERK 5/MAPK pathway has a major role in 1,25-(OH) ₂ vitamin D ₃ -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
61	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
60	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
59	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
58	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
57	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
56	Differentiation and cell survival of myeloid leukemia cells. <i>Leukemia Research and Treatment</i> , 2012 , 2012, 370375		1
55	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
54	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
53	Vitamin D Effects on Differentiation and Cell Cycle 2011 , 1625-1656		3
52	The Role of Tomato Lycopene in Cancer Prevention 2011 , 47-66		2
51	Tumor suppressor p53 status does not determine the differentiation-associated G ₁ cell cycle arrest induced in leukemia cells by 1,25-dihydroxyvitamin D ₃ and antioxidants. <i>Cancer Biology and Therapy</i> , 2010 , 10, 344-50	4.6	17
50	DNA damage response: a barrier or a path to tumor progression?. <i>Cancer Biology and Therapy</i> , 2010 , 9, 253-5	4.6	3
49	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
48	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
47	Silibinin can induce differentiation as well as enhance vitamin D ₃ -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
46	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

45	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
44	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
43	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
42	Tomato Carotenoids and the IGF System in Cancer 2008 , 395-410		1
41	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
40	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
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	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
37	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
36	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
35	Differentiation and the Cell Cycle 2005 , 1635-1661		1
34	Carotenoids activate the antioxidant response element transcription system. <i>Molecular Cancer Therapeutics</i> , 2005 , 4, 177-86	6.1	205
33	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
32	Enhancement by other compounds of the anti-cancer activity of vitamin D3 and its analogs. <i>Experimental Cell Research</i> , 2004 , 298, 339-339	4.2	
31	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
30	Carotenoids and transcription. <i>Archives of Biochemistry and Biophysics</i> , 2004 , 430, 89-96	4.1	93
29	Anticancer Activity of Carotenoids. <i>Oxidative Stress and Disease</i> , 2004 , 165-196		1
28	Modulation of transcriptional activity by antioxidant carotenoids. <i>Molecular Aspects of Medicine</i> , 2003 , 24, 371-84	16.7	25

27	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
26	Role of gene regulation in the anticancer activity of carotenoids. <i>Pure and Applied Chemistry</i> , 2002 , 74, 1469-1477	2.1	28
25	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
24	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
23	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
22	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
21	Carnosic Acid Inhibits Proliferation and Augments Differentiation of Human Leukemic Cells Induced by 1,25-Dihydroxyvitamin Dsub3 and Retinoic Acid. <i>Nutrition and Cancer</i> , 2001 , 41, 135-144	2.8	10
20	Molecular mechanisms for the anticancer activity of the carotenoid lycopene. <i>Drug Development Research</i> , 2000 , 50, 448-456	5.1	40
19	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
18	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
17	MECHANISMS OF ACTION OF THE ANTIOXIDANT LYCOPENE IN CANCER 1999 , 377-384		
16	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
15	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
14	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
13	The Tomato Carotenoid Lycopene and Cancer 1997 , 209-212		1
12	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
11	LYCOPENE, THE MAJOR TOMATO CAROTENOID, DELAYS CELL CYCLE PROGRESSION IN CANCER CELLS. <i>Biochemical Society Transactions</i> , 1996 , 24, 515S-515S	5.1	
10	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

9	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
8	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
7	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
6	Influence of digoxin on the Na,K-ATPase activity, transmembrane potential, and contractile activity of ischemically damaged rat heart. <i>Pharmaceutical Chemistry Journal</i> , 1992 , 26, 475-479	0.9	
5	Characteristics of sarcolemmal ATPase activity of longitudinal and circular musculature of the canine ileum. <i>Bulletin of Experimental Biology and Medicine</i> , 1990 , 110, 1302-1305	0.8	
4	Cellular mechanism of the dependence of cardiotoxic action of digoxin on the degree of ischemic damage to the myocardium. <i>Pharmaceutical Chemistry Journal</i> , 1989 , 23, 451-454	0.9	
3	Changes in activity and regulatory properties of Na,K-ATP-ase from the myocardial sarcolemma during total graded ischemia. <i>Bulletin of Experimental Biology and Medicine</i> , 1987 , 104, 901-904	0.8	
2	Cholinergic regulation of Na, K-ATPase activity from pig kidney. <i>Bulletin of Experimental Biology and Medicine</i> , 1984 , 98, 1490-1492	0.8	
1	Muscarinic cholinoreceptor-mediated inhibition of sarcolemmal Na,K-ATPase activity of myocardium and intestinal smooth muscles by acetylcholine. <i>Bulletin of Experimental Biology and Medicine</i> , 1984 , 98, 1153-1155	0.8	