Jiri Neuzil

List of Publications by Year
in descending order

210	12,898	15466 65	30010 103
papers	citations	h-index	g-index

222	222	222	13276
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mitochondrial Genome Acquisition Restores Respiratory Function and Tumorigenic Potential of Cancer Cells without Mitochondrial DNA. Cell Metabolism, 2015, 21, 81-94.	7.2	582
2	The European perspective on vitamin E: current knowledge and future research. American Journal of Clinical Nutrition, 2002, 76, 703-716.	2.2	519
3	The causes of cancer revisited: â€œMitochondrial malignancyâ€•and ROS-induced oncogenic transformation â€“ Why mitochondria are targets for cancer therapy. Molecular Aspects of Medicine, 2010, 31, 145-170.	2.7	299
4	Induction of cancer cell apoptosis by Î±â€tocopheryl succinate: molecular pathways and structural requirements. FASEB Journal, 2001, 15, 403-415.	0.2	272
5	Î±-Tocopheryl succinate induces apoptosis by targeting ubiquinone-binding sites in mitochondrial respiratory complex II. Oncogene, 2008, 27, 4324-4335.	2.6	266
6	Requirement for, Promotion, or Inhibition by Î±-Tocopherol of Radical-Induced Initiation of Plasma Lipoprotein Lipid Peroxidation. Free Radical Biology and Medicine, 1997, 22, 57-71.	1.3	241
7	Lysosomal involvement in apoptosis. Redox Report, 2001, 6, 91-97.	1.4	219
8	Selective cancer cell killing by Î±-tocopheryl succinate. British Journal of Cancer, 2001, 84, 87-89.	2.9	215
9	Horizontal transfer of whole mitochondria restores tumorigenic potential in mitochondrial DNA-deficient cancer cells. ELife, 2017, 6, .	2.8	205
10	Classification of mitocans, anti-cancer drugs acting on mitochondria. Mitochondrion, 2013, 13, 199-208.	1.6	199
11	Mitochondrial Complex II: At the Crossroads. Trends in Biochemical Sciences, 2017, 42, 312-325.	3.7	192
12	Reactivation of Dihydroorotate Dehydrogenase-Driven Pyrimidine Biosynthesis Restores Tumor Growth of Respiration-Deficient Cancer Cells. Cell Metabolism, 2019, 29, 399-416.e10.	7.2	190
13	Tumour-initiating cells vs. cancer â€˜stemâ€™ cells and CD133: Whatâ€™s in the name?. Biochemical and Biophysical Research Communications, 2007, 355, 855-859.	1.0	176
14	Mitochondrial Targeting of Vitamin E Succinate Enhances Its Pro-apoptotic and Anti-cancer Activity via Mitochondrial Complex II. Journal of Biological Chemistry, 2011, 286, 3717-3728.	1.6	171
15	Exosome-derived microRNAs in cancer metabolism: possible implications in cancer diagnostics and therapy. Experimental and Molecular Medicine, 2017, 49, e285-e285.	3.2	169
16	Molecular mechanism of â€˜mitocanâ€™-induced apoptosis in cancer cells epitomizes the multiple roles of reactive oxygen species and Bcl-2 family proteins. FEBS Letters, 2006, 580, 5125-5129.	1.3	166
17	Oxidation of parenteral lipid emulsion by ambient and phototherapy lights: Potential toxicity of routine parenteral feeding. Journal of Pediatrics, 1995, 126, 785-790.	0.9	152
18	Mitochondria Play a Central Role in Apoptosis Induced by Î±-Tocopheryl Succinate, an Agent with Antineoplastic Activity:Â Comparison with Receptor-Mediated Pro-Apoptotic Signalingâ€. Biochemistry, 2003, 42, 4277-4291.	1.2	152

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19	Bilirubin attenuates radical-mediated damage to serum albumin. FEBS Letters, 1993, 331, 281-284.	1.3	151
20	Bioenergetic pathways in tumor mitochondria as targets for cancer therapy and the importance of the ROS-induced apoptotic trigger. Molecular Aspects of Medicine, 2010, 31, 29-59.	2.7	146
21	Mitochondrial recycling and aging of cardiac myocytes: the role of autophagocytosis. Experimental Gerontology, 2003, 38, 863-876.	1.2	144
22	Vitamin E succinate is a potent novel antineoplastic agent with high selectivity and cooperativity with tumor necrosis factor-related apoptosis-inducing ligand (Apo2 ligand) in vivo. Clinical Cancer Research, 2002, 8, 863-9.	3.2	144
23	Vitamin E Analogs, a Novel Group of â€œMitocans,â€• as Anticancer Agents: The Importance of Being Redox-Silent. Molecular Pharmacology, 2007, 71, 1185-1199.	1.0	131
24	Vitamin E analogues as inducers of apoptosis: structureâ€"function relation. British Journal of Cancer, 2003, 88, 1948-1955.	2.9	127
25	Aging of Cardiac Myocytes in Culture: Oxidative Stress, Lipofuscin Accumulation, and Mitochondrial Turnover. Annals of the New York Academy of Sciences, 2004, 1019, 70-77.	1.8	126
26	Suppression of Tumor Growth<i>In vivo</i>by the Mitocan Î±-tocopheryl Succinate Requires Respiratory Complex II. Clinical Cancer Research, 2009, 15, 1593-1600.	3.2	125
27	Exosomal miR-126 as a circulating biomarker in non-small-cell lung cancer regulating cancer progression. Scientific Reports, 2017, 7, 15277.	1.6	121
28	Î±-Tocopheryl succinate-induced apoptosis in Jurkat T cells involves caspase-3 activation, and both lysosomal and mitochondrial destabilisation. FEBS Letters, 1999, 445, 295-300.	1.3	120
29	Mitocans as anti-cancer agents targeting mitochondria: lessons from studies with vitamin E analogues, inhibitors of complex II. Journal of Bioenergetics and Biomembranes, 2007, 39, 65-72.	1.0	116
30	Mitochondrially targeted anti-cancer agents. Mitochondrion, 2010, 10, 670-681.	1.6	114
31	Î±-Tocopheryl Succinate Inhibits Malignant Mesothelioma byDisrupting the Fibroblast Growth Factor Autocrine Loop. Journal of Biological Chemistry, 2005, 280, 25369-25376.	1.6	109
32	Inhibitors of Succinate: Quinone Reductase/Complex II Regulate Production of Mitochondrial Reactive Oxygen Species and Protect Normal Cells from Ischemic Damage but Induce Specific Cancer Cell Death. Pharmaceutical Research, 2011, 28, 2695-2730.	1.7	108
33	Î±-Tocopheryl succinate, an agent with in vivo anti-tumour activity, induces apoptosis by causing lysosomal instability. Biochemical Journal, 2002, 362, 709-715.	1.7	107
34	Vitamin E succinate and cancer treatment: a vitamin E prototype for selective antitumour activity. British Journal of Cancer, 2003, 89, 1822-1826.	2.9	107
35	Platelets Facilitate the Wound-Healing Capability of Mesenchymal Stem Cells by Mitochondrial Transfer and Metabolic Reprogramming. Cell Metabolism, 2021, 33, 283-299.e9.	7.2	102
36	Mitochondrial targeting of Î±-tocopheryl succinate enhances its pro-apoptotic efficacy: A new paradigm for effective cancer therapy. Free Radical Biology and Medicine, 2011, 50, 1546-1555.	1.3	100

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37	Vitamin E Analogues Inhibit Angiogenesis by Selective Induction of Apoptosis in Proliferating Endothelial Cells: The Role of Oxidative Stress. Cancer Research, 2007, 67, 11906-11913.	0.4	99
38	Vitamin E analogues as a novel group of mitocans: Anti-cancer agents that act by targeting mitochondria. Molecular Aspects of Medicine, 2007, 28, 607-645.	2.7	96
39	Vitamin E Analogues: A New Class of Inducers of Apoptosis with Selective Anti-Cancer Effects. Current Cancer Drug Targets, 2004, 4, 355-372.	0.8	95
40	Sensitization of mesothelioma to TRAIL apoptosis by inhibition of histone deacetylase: role of Bcl-xL down-regulation. Biochemical and Biophysical Research Communications, 2004, 314, 186-191.	1.0	95
41	Clinical significance of circulating miR-126 quantification in malignant mesothelioma patients. Clinical Biochemistry, 2012, 45, 575-581.	0.8	93
42	Selective Disruption of Respiratory Supercomplexes as a New Strategy to Suppress Her2^{high} Breast Cancer. Antioxidants and Redox Signaling, 2017, 26, 84-103.	2.5	93
43	Association of MiR-126 with Soluble Mesothelin-Related Peptides, a Marker for Malignant Mesothelioma. PLoS ONE, 2011, 6, e18232.	1.1	93
44	Hippo/Mst1 Stimulates Transcription of the Proapoptotic Mediator <i>NOXA</i> in a FoxO1-Dependent Manner. Cancer Research, 2011, 71, 946-954.	0.4	91
45	Mitochondrial complex II, a novel target for anti-cancer agents. Biochimica Et Biophysica Acta - Bioenergetics, 2013, 1827, 552-564.	0.5	87
46	Mitocans: Mitochondrial Targeted Anti-Cancer Drugs as Improved Therapies and Related Patent Documents. Recent Patents on Anti-Cancer Drug Discovery, 2006, 1, 327-346.	0.8	86
47	MicroRNA-126 Suppresses Mesothelioma Malignancy by Targeting IRS1 and Interfering with the Mitochondrial Function. Antioxidants and Redox Signaling, 2014, 21, 2109-2125.	2.5	85
48	Mitochondrial complex II and reactive oxygen species in disease and therapy. Redox Report, 2020, 25, 26-32.	1.4	85
49	A Peptide Conjugate of Vitamin E Succinate Targets Breast Cancer Cells with High ErbB2 Expression. Cancer Research, 2007, 67, 3337-3344.	0.4	84
50	Thiodigalactoside inhibits murine cancers by concurrently blocking effects of galectin-1 on immune dysregulation, angiogenesis and protection against oxidative stress. Angiogenesis, 2011, 14, 293-307.	3.7	84
51	Mitochondria as targets for cancer therapy. Molecular Nutrition and Food Research, 2009, 53, 9-28.	1.5	83
52	Â-Tocopheryl hydroquinone is an efficient multifunctional inhibitor of radical-initiated oxidation of low density lipoprotein lipids. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 7885-7890.	3.3	82
53	Mitocans, a class of emerging antiâ€cancer drugs. Molecular Nutrition and Food Research, 2009, 53, 7-8.	1.5	81
54	Anticancer Drugs Targeting the Mitochondrial Electron Transport Chain. Antioxidants and Redox Signaling, 2011, 15, 2951-2974.	2.5	79

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55	Coenzyme Q blocks biochemical but not receptor-mediated apoptosis by increasing mitochondrial antioxidant protection. FEBS Letters, 2001, 503, 46-50.	1.3	78
56	Targeting mitochondria as an anticancer strategy. Cancer Communications, 2019, 39, 1-3.	3.7	77
57	Mitochondria transmit apoptosis signalling in cardiomyocyte-like cells and isolated hearts exposed to experimental ischemia-reperfusion injury. Redox Report, 2007, 12, 148-162.	1.4	76
58	Secretory Phospholipase A2and Lipoprotein Lipase Enhance 15-Lipoxygenase-Induced Enzymic and Nonenzymic Lipid Peroxidation in Low-Density Lipoproteinsâ€. Biochemistry, 1998, 37, 9203-9210.	1.2	74
59	Mitocans Revisited: Mitochondrial Targeting as Efficient Anti-Cancer Therapy. International Journal of Molecular Sciences, 2020, 21, 7941.	1.8	73
60	Dihydroorotate dehydrogenase in oxidative phosphorylation and cancer. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165759.	1.8	73
61	Tumor-initiating cells of breast and prostate origin show alterations in the expression of genes related to iron metabolism. Oncotarget, 2017, 8, 6376-6398.	0.8	72
62	Inhibition of Inflammatory Endothelial Responses by a Pathway Involving Caspase Activation and p65 Cleavage. Biochemistry, 2001, 40, 4686-4692.	1.2	70
63	Vitamin E analogs trigger apoptosis in HER2/erbB2-overexpressing breast cancer cells by signaling via the mitochondrial pathway. Biochemical and Biophysical Research Communications, 2005, 326, 282-289.	1.0	69
64	Vitamin E analogues as anticancer agents: Lessons from studies with Î±-tocopheryl succinate. Molecular Nutrition and Food Research, 2006, 50, 675-685.	1.5	69
65	Selective elimination of senescent cells by mitochondrial targeting is regulated by ANT2. Cell Death and Differentiation, 2019, 26, 276-290.	5.0	69
66	Horizontal transfer of mitochondria between mammalian cells: beyond co-culture approaches. Current Opinion in Genetics and Development, 2016, 38, 75-82.	1.5	68
67	Î±-Tocopheryl succinate, an agent with in vivo anti-tumour activity, induces apoptosis by causing lysosomal instability. Biochemical Journal, 2002, 362, 709.	1.7	66
68	The role of vitamin E in atherogenesis: linking the chemical, biological and clinical aspects of the disease. Atherosclerosis, 2001, 157, 257-283.	0.4	65
69	Mitochondrial Targeting of Metformin Enhances Its Activity against Pancreatic Cancer. Molecular Cancer Therapeutics, 2016, 15, 2875-2886.	1.9	65
70	Mitochondrially targeted vitamin E succinate efficiently kills breast tumour-initiating cells in a complex II-dependent manner. BMC Cancer, 2015, 15, 401.	1.1	63
71	Oxidation of Free Fatty Acids in Low Density Lipoprotein by 15-Lipoxygenase Stimulates Nonenzymic, Î±-Tocopherol-mediated Peroxidation of Cholesteryl Esters. Journal of Biological Chemistry, 1997, 272, 30067-30074.	1.6	62
72	MicroRNAs as regulators of mitochondrial function: Role in cancer suppression. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 1441-1453.	1.1	61

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73	Î±-Lipoic acid supplementation inhibits oxidative damage, accelerating chronic wound healing in patients undergoing hyperbaric oxygen therapy. Biochemical and Biophysical Research Communications, 2005, 333, 404-410.	1.0	60
74	Reactive oxygen species are generated by the respiratory complexÂ<scp>II</scp> â€“ evidence for lack of contribution of the reverse electron flow in complexÂ<scp>I</scp>. FEBS Journal, 2013, 280, 927-938.	2.2	60
75	Mitochondria-adaptor TRAK1 promotes kinesin-1 driven transport in crowded environments. Nature Communications, 2020, 11, 3123.	5.8	60
76	Î±-Tocopheryl succinate sensitises a T lymphoma cell line to TRAIL-induced apoptosis by suppressing NF-ÎºB activation. British Journal of Cancer, 2003, 88, 153-158.	2.9	59
77	Î±-Tocopheryl succinate and TRAIL selectively synergise in induction of apoptosis in human malignant mesothelioma cells. British Journal of Cancer, 2004, 90, 1644-1653.	2.9	59
78	CD133-positive cells are resistant to TRAIL due to up-regulation of FLIP. Biochemical and Biophysical Research Communications, 2008, 373, 567-571.	1.0	59
79	Metformin directly targets the H3K27me3 demethylase KDM6A/UTX. Aging Cell, 2018, 17, e12772.	3.0	58
80	Liposomal delivery systems for anti-cancer analogues of vitamin E. Journal of Controlled Release, 2015, 207, 59-69.	4.8	57
81	Mitochondrial DNA in Tumor Initiation, Progression, and Metastasis: Role of Horizontal mtDNA Transfer. Cancer Research, 2015, 75, 3203-3208.	0.4	56
82	A vitamin E analogue suppresses malignant mesothelioma in a preclinical model: A future drug against a fatal neoplastic disease?. International Journal of Cancer, 2004, 109, 641-642.	2.3	55
83	Intracellular and Intercellular Mitochondrial Dynamics in Parkinsonâ€™s Disease. Frontiers in Neuroscience, 2019, 13, 930.	1.4	55
84	Profiling Tumor-Associated Markers for Early Detection of Malignant Mesothelioma: An Epidemiologic Study. Cancer Epidemiology Biomarkers and Prevention, 2008, 17, 163-170.	1.1	53
85	Î±-Tocopheryl succinate induces DR4 and DR5 expression by a p53-dependent route: Implication for sensitisation of resistant cancer cells to TRAIL apoptosis. FEBS Letters, 2006, 580, 1925-1931.	1.3	52
86	Î±-Tocopheryl succinate causes mitochondrial permeabilization by preferential formation of Bak channels. Apoptosis: an International Journal on Programmed Cell Death, 2010, 15, 782-794.	2.2	51
87	Combined circulating epigenetic markers to improve mesothelin performance in the diagnosis of malignant mesothelioma. Lung Cancer, 2015, 90, 457-464.	0.9	51
88	Targeting Mitochondrial Iron Metabolism Suppresses Tumor Growth and Metastasis by Inducing Mitochondrial Dysfunction and Mitophagy. Cancer Research, 2021, 81, 2289-2303.	0.4	51
89	Î±-Tocopheryl succinate selectively induces apoptosis in neuroblastoma cells: potential therapy of malignancies of the nervous system?. Journal of Neurochemistry, 2005, 94, 1448-1456.	2.1	50
90	Vitamin E analogues as inducers of apoptosis: implications for their potential antineoplastic role. Redox Report, 2001, 6, 143-151.	1.4	48

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91	Mitochondrially Targeted Î±-Tocopheryl Succinate Is Antiangiogenic: Potential Benefit Against Tumor Angiogenesis but Caution Against Wound Healing. Antioxidants and Redox Signaling, 2011, 15, 2923-2935.	2.5	48
92	Inhibition of LDL oxidation by ubiquinol-10. A protective mechanism for coenzyme Q in atherogenesis?. Molecular Aspects of Medicine, 1997, 18, 85-103.	2.7	47
93	Î±-Tocopheryl succinate epitomizes a compound with a shift in biological activity due to pro-vitamin-to-vitamin conversion. Biochemical and Biophysical Research Communications, 2002, 293, 1309-1313.	1.0	47
94	MicroRNA in Metabolic Re-Programming and Their Role in Tumorigenesis. International Journal of Molecular Sciences, 2016, 17, 754.	1.8	44
95	Alternative assembly of respiratory complex II connects energy stress to metabolic checkpoints. Nature Communications, 2018, 9, 2221.	5.8	44
96	Liposomal formulation of Î±-tocopheryl maleamide: In vitro and in vivo toxicological profile and anticancer effect against spontaneous breast carcinomas in mice. Toxicology and Applied Pharmacology, 2009, 237, 249-257.	1.3	43
97	Bid integrates intrinsic and extrinsic signaling in apoptosis induced by Î±-tocopheryl succinate in human gastric carcinoma cells. Cancer Letters, 2010, 288, 42-49.	3.2	43
98	Exosomal transfer of miR-126 promotes the anti-tumour response in malignant mesothelioma: Role of miR-126 in cancer-stroma communication. Cancer Letters, 2019, 463, 27-36.	3.2	42
99	Vitamin E amides, a new class of vitamin E analogues with enhanced proapoptotic activity. International Journal of Cancer, 2005, 117, 188-193.	2.3	41
100	Selenium supplementation induces mitochondrial biogenesis in trophoblasts. Placenta, 2015, 36, 863-869.	0.7	41
101	MicroRNA-126 induces autophagy by altering cell metabolism in malignant mesothelioma. Oncotarget, 2016, 7, 36338-36352.	0.8	41
102	Mitochondria-Targeted Honokiol Confers a Striking Inhibitory Effect on Lung Cancer via Inhibiting Complex I Activity. IScience, 2018, 3, 192-207.	1.9	40
103	Oxidative stress mediates toxicity of pyridoxal isonicotinoyl hydrazone analogs. Archives of Biochemistry and Biophysics, 2004, 421, 1-9.	1.4	39
104	Mitochondrially Targeted Vitamin E Succinate Modulates Expression of Mitochondrial DNA Transcripts and Mitochondrial Biogenesis. Antioxidants and Redox Signaling, 2015, 22, 883-900.	2.5	39
105	Clinical, Diagnostic, and Treatment Characteristics of SDHA-Related Metastatic Pheochromocytoma and Paraganglioma. Frontiers in Oncology, 2019, 9, 53.	1.3	39
106	Marizomib suppresses triple-negative breast cancer via proteasome and oxidative phosphorylation inhibition. Theranostics, 2020, 10, 5259-5275.	4.6	39
107	Powerhouse down: Complex II dissociation in the respiratory chain. Mitochondrion, 2014, 19, 20-28.	1.6	37
108	Circulating epigenetic biomarkers in lung malignancies: From early diagnosis to therapy. Lung Cancer, 2017, 107, 65-72.	0.9	36

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109	Epigenetic Regulation of miRNA Expression in Malignant Mesothelioma: miRNAs as Biomarkers of Early Diagnosis and Therapy. Frontiers in Oncology, 2019, 9, 1293.	1.3	36
110	Pyridoxal isonicotinoyl hydrazone analogs induce apoptosis in hematopoietic cells due to their iron-chelating properties. Biochemical Pharmacology, 2003, 65, 161-172.	2.0	35
111	Tocopherol-associated protein-1 accelerates apoptosis induced by Î±-tocopheryl succinate in mesothelioma cells. Biochemical and Biophysical Research Communications, 2006, 343, 1113-1117.	1.0	35
112	Vitamin E analogues as mitochondriaâ€targeting compounds: From the bench to the bedside?. Molecular Nutrition and Food Research, 2009, 53, 129-139.	1.5	35
113	Mitochondria: An intriguing target for killing tumour-initiating cells. Mitochondrion, 2016, 26, 86-93.	1.6	35
114	Alpha-Tocopheryl Succinate Inhibits Autophagic Survival of Prostate Cancer Cells Induced by Vitamin K3 and Ascorbate to Trigger Cell Death. PLoS ONE, 2012, 7, e52263.	1.1	33
115	Vitamin E analogs: a new class of multiple action agents with anti-neoplastic and anti-atherogenic activity. Apoptosis: an International Journal on Programmed Cell Death, 2002, 7, 179-187.	2.2	32
116	Oxidative stress in myocardial ischaemia reperfusion injury: a renewed focus on a long-standing area of heart research. Redox Report, 2005, 10, 187-197.	1.4	32
117	Molecular mechanism for the selective impairment of cancer mitochondrial function by a mitochondrially targeted vitamin E analogue. Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 1597-1607.	0.5	32
118	Mitochondrial targeting overcomes ABCA1-dependent resistance of lung carcinoma to Î±-tocopheryl succinate. Apoptosis: an International Journal on Programmed Cell Death, 2013, 18, 286-299.	2.2	32
119	MicroRNA regulation of cancer metabolism: role in tumour suppression. Mitochondrion, 2014, 19, 29-38.	1.6	32
120	TRAIL induces apoptosis but not necroptosis in colorectal and pancreatic cancer cells preferentially via the TRAIL-R2/DR5 receptor. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 522-531.	1.9	32
121	Î±-Tocopheryl succinate alters cell cycle distribution sensitising human osteosarcoma cells to methotrexate-induced apoptosis. Cancer Letters, 2006, 232, 226-235.	3.2	31
122	Mitochondria in Cancer. Progress in Molecular Biology and Translational Science, 2014, 127, 211-227.	0.9	31
123	Radical-induced lipoprotein and plasma lipid oxidation in normal and apolipoprotein E gene knockout (apoEâ€"/â€") mice: apoEâ€"/â€" mouse as a model for testing the role of tocopherol-mediated peroxidation in atherogenesis. Journal of Lipid Research, 1998, 39, 354-368.	2.0	31
124	Targeting the Mitochondrial Electron Transport Chain Complexes for the Induction of Apoptosis and Cancer Treatment. Current Pharmaceutical Biotechnology, 2013, 14, 377-389.	0.9	30
125	Mitochondrial targeting of Î±-tocopheryl succinate enhances its anti-mesothelioma efficacy. Redox Report, 2014, 19, 16-25.	1.4	29
126	Therapeutic Targeting of<i>SDHB</i>-Mutated Pheochromocytoma/Paraganglioma with Pharmacologic Ascorbic Acid. Clinical Cancer Research, 2020, 26, 3868-3880.	3.2	29

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127	Purification and partial characterization of alanine dehydrogenase from Streptomyces aureofaciens. Archives of Microbiology, 1988, 150, 438-440.	1.0	28
128	Hepatic processing determines dual activity of Î±-tocopheryl succinate: a novel paradigm for a shift in biological activity due to pro-vitamin-to-vitamin conversion. Biochemical and Biophysical Research Communications, 2005, 327, 1024-1027.	1.0	28
129	Indoleamine-2,3-dioxygenase elevated in tumor-initiating cells is suppressed by mitocans. Free Radical Biology and Medicine, 2014, 67, 41-50.	1.3	27
130	The mobility of mitochondria: Intercellular trafficking in health and disease. Clinical and Experimental Pharmacology and Physiology, 2017, 44, 15-20.	0.9	27
131	Four-miRNA Signature to Identify Asbestos-Related Lung Malignancies. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 119-126.	1.1	27
132	Replication and ribosomal stress induced by targeting pyrimidine synthesis and cellular checkpoints suppress p53-deficient tumors. Cell Death and Disease, 2020, 11, 110.	2.7	27
133	Î±-Tocopheryl succinate promotes selective cell death induced by vitamin K3 in combination with ascorbate. British Journal of Cancer, 2010, 102, 1224-1234.	2.9	26
134	Thrombomodulin Is Silenced in Malignant Mesothelioma by a Poly(ADP-ribose) Polymerase-1-mediated Epigenetic Mechanism. Journal of Biological Chemistry, 2011, 286, 19478-19488.	1.6	26
135	The role of Her2 and other oncogenes of the PI3K/AKT pathway in mitochondria. Biological Chemistry, 2016, 397, 607-615.	1.2	26
136	Î±-Tocopheryl succinate induces cytostasis and apoptosis in osteosarcoma cells: the role of E2F1. Biochemical and Biophysical Research Communications, 2005, 331, 1515-1521.	1.0	25
137	Î±-Lipoic Acid Modulates Extracellular Matrix and Angiogenesis Gene Expression in Non-Healing Wounds Treated with Hyperbaric Oxygen Therapy. Molecular Medicine, 2008, 14, 175-183.	1.9	25
138	Succinate Mediates Tumorigenic Effects via Succinate Receptor 1: Potential for New Targeted Treatment Strategies in Succinate Dehydrogenase Deficient Paragangliomas. Frontiers in Endocrinology, 2021, 12, 589451.	1.5	25
139	Malignant Mesothelioma: Biology, Diagnosis and Therapeutic Approaches. Current Molecular Pharmacology, 2009, 2, 190-206.	0.7	25
140	Lyophilised liposomeâ€based formulations of Î±â€tocopheryl succinate: Preparation and physicoâ€chemical characterisation. Journal of Pharmaceutical Sciences, 2010, 99, 2434-2443.	1.6	24
141	Î±-Tocopheryl succinate-induced apoptosis in human gastric cancer cells is modulated by ERK1/2 and c-Jun N-terminal kinase in a biphasic manner. Cancer Letters, 2007, 247, 345-352.	3.2	23
142	Characterisation of Mesothelioma-Initiating Cells and Their Susceptibility to Anti-Cancer Agents. PLoS ONE, 2015, 10, e0119549.	1.1	23
143	Apoptosis and inhibition of gap-junctional intercellular communication induced by LA-12, a novel hydrophobic platinum(IV) complex. Archives of Biochemistry and Biophysics, 2007, 462, 54-61.	1.4	22
144	Î±â€Tocopheryloxyacetic acid is superior to Î±â€tocopheryl succinate in suppressing HER2â€high breast carcinomas due to its higher stability. International Journal of Cancer, 2012, 131, 1052-1058.	2.3	22

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145	Cooperative effect of fructose bisphosphate and glyceraldehyde-3-phosphate dehydrogenase on aldolase action. BBA - Proteins and Proteomics, 1990, 1037, 307-312.	2.1	21
146	Decreased Apoptotic Response of Inclusion-Cell Disease Fibroblasts: A Consequence of Lysosomal Enzyme Missorting?. Experimental Cell Research, 2002, 274, 9-15.	1.2	21
147	Dissociation of Apoptosis Induction and CD36 Upregulation by Enzymatically Modified Low-Density Lipoprotein in Monocytic Cells. Biochemical and Biophysical Research Communications, 2002, 290, 988-993.	1.0	21
148	Alpha-Synuclein Aggregates Associated with Mitochondria in Tunnelling Nanotubes. Neurotoxicity Research, 2021, 39, 429-443.	1.3	21
149	Germline <i>SUCLG2</i> Variants in Patients With Pheochromocytoma and Paraganglioma. Journal of the National Cancer Institute, 2022, 114, 130-138.	3.0	21
150	Î±-Tocopheryl succinate inhibits proliferation of mesothelioma cells by selective down-regulation of fibroblast growth factor receptors. Biochemical and Biophysical Research Communications, 2004, 318, 636-641.	1.0	20
151	Antioxidant defense in quiescent cells determines selectivity of electron transport chain inhibition-induced cell death. Free Radical Biology and Medicine, 2017, 112, 253-266.	1.3	20
152	Mitochondrial Genome Transfer to Tumor Cells Breaks The Rules and Establishes a New Precedent in Cancer Biology. Molecular and Cellular Oncology, 2018, 5, e1023929.	0.3	20
153	Cyclopentenone prostaglandins induce endothelial cell apoptosis independent of the peroxisome proliferator-activated receptor-Î³. European Journal of Immunology, 2004, 34, 241-250.	1.6	18
154	Î±â€Tocopheryl succinate inhibits angiogenesis by disrupting paracrine FGF2 signalling. FEBS Letters, 2007, 581, 4611-4615.	1.3	18
155	Vitamin E Analogues and Immune Response in Cancer Treatment. Vitamins and Hormones, 2007, 76, 463-491.	0.7	18
156	SMAD4 loss limits the vulnerability of pancreatic cancer cells to complex I inhibition via promotion of mitophagy. Oncogene, 2021, 40, 2539-2552.	2.6	18
157	K-Ras and mitochondria: Dangerous liaisons. Cell Research, 2012, 22, 285-287.	5.7	17
158	The Assembly Factor SDHAF2 Is Dispensable for Flavination of the Catalytic Subunit of Mitochondrial Complex II in Breast Cancer Cells. Journal of Biological Chemistry, 2016, 291, 21414-21420.	1.6	17
159	Transcriptional profiling of dividing tumor cells detects intratumor heterogeneity linked to cell proliferation in a brain tumor model. Molecular Oncology, 2016, 10, 126-137.	2.1	17
160	MiR-126 in intestinal-type sinonasal adenocarcinomas: exosomal transfer of MiR-126 promotes anti-tumour responses. BMC Cancer, 2018, 18, 896.	1.1	17
161	Effect of tetracycline derivatives and some cations on the activity of anhydrotetracycline oxygenase. Biotechnology Letters, 1983, 5, 537-542.	1.1	16
162	Asbestos exposure affects poly(ADP-ribose) polymerase-1 activity: role in asbestos-induced carcinogenesis. Mutagenesis, 2011, 26, 585-591.	1.0	16

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