

Mihalis ? Panayiotidis

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.

104
papers

5,036
citations

35
h-index

70
g-index

118
ext. papers

5,962
ext. citations

5.6
avg, IF

5.73
L-index

#	Paper	IF	Citations
104	Cereal and Confectionary Packaging: Background, Application and Shelf-Life Extension.. <i>Foods</i> , 2022 , 11,	4.9	1
103	Thermal activation of Ti(1-x)Au(x) thin films with enhanced hardness and biocompatibility.. <i>Bioactive Materials</i> , 2022 , 15, 426-445	16.7	1
102	Effectiveness of Hyperthermia as Monotherapy and Adjuvant Therapy Approaches Against an Model of Colorectal Carcinoma.. <i>Anticancer Research</i> , 2022 , 42, 2363-2374	2.3	
101	Effects of a Novel Thiadiazole Derivative with High Anticancer Activity on Cancer Cell Immunogenic Markers: Mismatch Repair System, PD-L1 Expression, and Tumor Mutation Burden. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
100	Omega-3 fatty acids promote neuroprotection, decreased apoptosis and reduced glial cell activation in the retina of a mouse model of OPA1-related autosomal dominant optic atrophy.. <i>Experimental Eye Research</i> , 2021 , 215, 108901	3.7	1
99	Cruciferous Vegetables-Based Isothiocyanate Compounds as Novel Epigenetic Modulators in Human Malignant Melanoma. <i>Medical Sciences Forum</i> , 2021 , 2, 10		
98	Osteoporosis Entwined with Cardiovascular Disease: The Implication of Osteoprotegerin and the Example of Statins. <i>Current Medicinal Chemistry</i> , 2021 , 28, 1443-1467	4.3	1
97	Benzyl and phenethyl isothiocyanates as promising epigenetic drug compounds by modulating histone acetylation and methylation marks in malignant melanoma. <i>Investigational New Drugs</i> , 2021 , 39, 1460-1468	4.3	2
96	Protective role of taurine against oxidative stress (Review). <i>Molecular Medicine Reports</i> , 2021 , 24,	2.9	12
95	Prognostic Relevance of the Relative Presence of CD4, CD8 and CD20 Expressing Tumor Infiltrating Lymphocytes in Operable Non-small Cell Lung Cancer Patients. <i>Anticancer Research</i> , 2021 , 41, 3989-3995	2.3	4
94	Sulforaphane and iberin are potent epigenetic modulators of histone acetylation and methylation in malignant melanoma. <i>European Journal of Nutrition</i> , 2021 , 60, 147-158	5.2	16
93	Aldehyde Dehydrogenase 1B1 Is Associated with Altered Cell Morphology, Proliferation, Migration and Chemosensitivity in Human Colorectal Adenocarcinoma Cells. <i>Biomedicines</i> , 2021 , 9,	4.8	2
92	An Evaluation of the Anti-Carcinogenic Response of Major Isothiocyanates in Non-Metastatic and Metastatic Melanoma Cells. <i>Antioxidants</i> , 2021 , 10,	7.1	1
91	A novel methylated analogue of L-Mimosine exerts its therapeutic potency through ROS production and ceramide-induced apoptosis in malignant melanoma. <i>Investigational New Drugs</i> , 2021 , 39, 971-986	4.3	1
90	Toxicity Profiling of Biosurfactants Produced by Novel Marine Bacterial Strains. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	10
89	Molecular epidemiology of SARS-CoV-2 in Cyprus. <i>PLoS ONE</i> , 2021 , 16, e0248792	3.7	2
88	Mitochondrial Metabolism in Astrocytes Regulates Brain Bioenergetics, Neurotransmission and Redox Balance. <i>Frontiers in Neuroscience</i> , 2020 , 14, 536682	5.1	18

87	Azasteroid Alkylators as Dual Inhibitors of AKT and ERK Signaling for the Treatment of Ovarian Carcinoma. <i>Cancers</i> , 2020 , 12,	6.6	3
86	Marine-Derived Surface Active Agents: Health-Promoting Properties and Blue Biotechnology-Based Applications. <i>Biomolecules</i> , 2020 , 10,	5.9	3
85	Honey Extracts Exhibit Cytoprotective Properties against UVB-Induced Photodamage in Human Experimental Skin Models. <i>Antioxidants</i> , 2020 , 9,	7.1	10
84	Survival Mechanisms and Xenobiotic Susceptibility of Keratinocytes Exposed to Metal-Derived Nanoparticles. <i>Chemical Research in Toxicology</i> , 2020 , 33, 536-552	4	0
83	Redox homeostasis, oxidative stress and mitophagy. <i>Mitochondrion</i> , 2020 , 51, 105-117	4.9	30
82	Aldehyde dehydrogenase 3A1 confers oxidative stress resistance accompanied by altered DNA damage response in human corneal epithelial cells. <i>Free Radical Biology and Medicine</i> , 2020 , 150, 66-74	7.8	9
81	Endocrine adverse events related with immune checkpoint inhibitors: an update for clinicians. <i>Immunotherapy</i> , 2020 , 12, 481-510	3.8	3
80	Repurposing denosumab in breast cancer beyond prevention of skeletal related events: Could nonclinical data be translated into clinical practice?. <i>Expert Review of Clinical Pharmacology</i> , 2020 , 13, 1235-1252	3.8	
79	3,6-Disubstituted 1,2,4-Triazolo[3,4-]Thiadiazoles with Anticancer Activity Targeting Topoisomerase II Alpha. <i>OncoTargets and Therapy</i> , 2020 , 13, 7369-7386	4.4	4
78	Surface Active Agents and Their Health-Promoting Properties: Molecules of Multifunctional Significance. <i>Pharmaceutics</i> , 2020 , 12,	6.4	21
77	Prophylactic lymph node dissection in clinically N0 differentiated thyroid carcinoma: example of personalized treatment. <i>Personalized Medicine</i> , 2020 , 17, 317-338	2.2	
76	Allyl isothiocyanate regulates lysine acetylation and methylation marks in an experimental model of malignant melanoma. <i>European Journal of Nutrition</i> , 2020 , 59, 557-569	5.2	11
75	Anticancer activity of a novel methylated analogue of L-mimosine against an in vitro model of human malignant melanoma. <i>Investigational New Drugs</i> , 2020 , 38, 621-633	4.3	3
74	Harnessing the versatile role of OPG in bone oncology: counterbalancing RANKL and TRAIL signaling and beyond. <i>Clinical and Experimental Metastasis</i> , 2020 , 37, 13-30	4.7	9
73	Functional Role of Probiotics and Prebiotics on Skin Health and Disease. <i>Fermentation</i> , 2019 , 5, 41	4.7	30
72	Hyperthermia Suppresses Post - Proliferation and Tumor Growth in Murine Malignant Melanoma and Colon Carcinoma. <i>Anticancer Research</i> , 2019 , 39, 2307-2315	2.3	4
71	Propolis Extracts Inhibit UV-Induced Photodamage in Human Experimental In Vitro Skin Models. <i>Antioxidants</i> , 2019 , 8,	7.1	21
70	The Role of Isothiocyanates as Cancer Chemo-Preventive, Chemo-Therapeutic and Anti-Melanoma Agents. <i>Antioxidants</i> , 2019 , 8,	7.1	48

69	Probiotics in Extraintestinal Diseases: Current Trends and New Directions. <i>Nutrients</i> , 2019 , 11,	6.7	36
68	DNA-dependent protein kinase: Epigenetic alterations and the role in genomic stability of cancer. <i>Mutation Research - Reviews in Mutation Research</i> , 2019 , 780, 92-105	7	9
67	Mitochondrial Homeostasis and Cellular Senescence. <i>Cells</i> , 2019 , 8,	7.9	77
66	Parathyroid hormone related protein (PTHrP)-mediated hypercalcemia in malignancy associated with anti-PD-1 immune checkpoint inhibitor treatment and related inflammatory reactions. <i>International Immunopharmacology</i> , 2019 , 77, 105942	5.8	7
65	Isothiocyanate-induced Cell Cycle Arrest in a Novel Exposure Protocol of Human Malignant Melanoma (A375) Cells. <i>Anticancer Research</i> , 2019 , 39, 591-596	2.3	3
64	Arsenic-induced neurotoxicity: a mechanistic appraisal. <i>Journal of Biological Inorganic Chemistry</i> , 2019 , 24, 1305-1316	3.7	35
63	A Deep Learning Framework for Predicting Response to Therapy in Cancer. <i>Cell Reports</i> , 2019 , 29, 3367-3373.e43	10.6	43
62	Iridium(iii) complexes of 1,2,4-triazines as potential bioorthogonal reagents: metal coordination facilitates luminogenic reaction with strained cyclooctynes. <i>Chemical Communications</i> , 2019 , 55, 14283-14286	5.8	10
61	Chemical Composition and Evaluation of the Biological Properties of the Essential Oil of the Dietary Phytochemical Lippia citriodora. <i>Molecules</i> , 2018 , 23,	4.8	18
60	Hyperthermia induces therapeutic effectiveness and potentiates adjuvant therapy with non-targeted and targeted drugs in an in vitro model of human malignant melanoma. <i>Scientific Reports</i> , 2018 , 8, 10724	4.9	26
59	From chemo-prevention to epigenetic regulation: The role of isothiocyanates in skin cancer prevention. <i>Pharmacology & Therapeutics</i> , 2018 , 190, 187-201	13.9	22
58	CRISPR therapeutic tools for complex genetic disorders and cancer (Review). <i>International Journal of Oncology</i> , 2018 , 53, 443-468	4.4	21
57	Role of the CRISPR system in controlling gene transcription and monitoring cell fate (Review). <i>Molecular Medicine Reports</i> , 2018 , 17, 1421-1427	2.9	12
56	Production of a Novel Functional Fruit Beverage Consisting of Cornelian Cherry Juice and Probiotic Bacteria. <i>Antioxidants</i> , 2018 , 7,	7.1	35
55	Novel Docosahexaenoic Acid Ester of Phloridzin Inhibits Proliferation and Triggers Apoptosis in an In Vitro Model of Skin Cancer. <i>Antioxidants</i> , 2018 , 7,	7.1	6
54	Mesenchymal stem cells in preclinical cancer cytotherapy: a systematic review. <i>Stem Cell Research and Therapy</i> , 2018 , 9, 336	8.3	41
53	Glucose Metabolism and AMPK Signaling Regulate Dopaminergic Cell Death Induced by Gene (ESynuclein)-Environment (Paraquat) Interactions. <i>Molecular Neurobiology</i> , 2017 , 54, 3825-3842	6.2	33
52	Human aldehyde dehydrogenase 3A1 (ALDH3A1) exhibits chaperone-like function. <i>International Journal of Biochemistry and Cell Biology</i> , 2017 , 89, 16-24	5.6	6

51	Dietary mastic oil extracted from Pistacia lentiscus var. chia suppresses tumor growth in experimental colon cancer models. <i>Scientific Reports</i> , 2017 , 7, 3782	4.9	36
50	Gold nanoparticles, radiations and the immune system: Current insights into the physical mechanisms and the biological interactions of this new alliance towards cancer therapy. <i>Pharmacology & Therapeutics</i> , 2017 , 178, 1-17	13.9	40
49	Metabolic Dysfunction in Parkinson's Disease: Bioenergetics, Redox Homeostasis and Central Carbon Metabolism. <i>Brain Research Bulletin</i> , 2017 , 133, 12-30	3.9	60
48	Mitochondrial dysfunction in glial cells: Implications for neuronal homeostasis and survival. <i>Toxicology</i> , 2017 , 391, 109-115	4.4	70
47	Metabolic Investigations of the Molecular Mechanisms Associated with Parkinson's Disease. <i>Metabolites</i> , 2017 , 7,	5.6	25
46	A Novel Role of Silibinin as a Putative Epigenetic Modulator in Human Prostate Carcinoma. <i>Molecules</i> , 2016 , 22,	4.8	25
45	Aldehyde dehydrogenase 3A1 promotes multi-modality resistance and alters gene expression profile in human breast adenocarcinoma MCF-7 cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 77, 120-128	5.6	19
44	Phytochemicals in regulating fatty acid oxidation: Potential underlying mechanisms and their involvement in obesity and weight loss. <i>Pharmacology & Therapeutics</i> , 2016 , 165, 153-63	13.9	95
43	Effects of hyperthermia as a mitigation strategy in DNA damage-based cancer therapies. <i>Seminars in Cancer Biology</i> , 2016 , 37-38, 96-105	12.7	29
42	Antioxidant and Antiproliferative Properties of the Essential Oils of Satureja thymbra and Satureja parnassica and their Major Constituents. <i>Anticancer Research</i> , 2016 , 36, 5757-5763	2.3	31
41	Development of a Novel Experimental In Vitro Model of Isothiocyanate-induced Apoptosis in Human Malignant Melanoma Cells. <i>Anticancer Research</i> , 2016 , 36, 6303-6309	2.3	16
40	Phytochemical Profile and Evaluation of the Biological Activities of Essential Oils Derived from the Greek Aromatic Plant Species Ocimum basilicum, Mentha spicata, Pimpinella anisum and Fortunella margarita. <i>Molecules</i> , 2016 , 21,	4.8	54
39	The DNA damage response and immune signaling alliance: Is it good or bad? Nature decides when and where. <i>Pharmacology & Therapeutics</i> , 2015 , 154, 36-56	13.9	104
38	Non-targeted radiation effects in vivo: a critical glance of the future in radiobiology. <i>Cancer Letters</i> , 2015 , 356, 34-42	9.9	53
37	Epigenetic therapy as a novel approach in hepatocellular carcinoma. <i>Pharmacology & Therapeutics</i> , 2015 , 145, 103-19	13.9	47
36	In-vitro assessment of Jurkat T-cells response to 1966 MHz electromagnetic fields in a GTEM cell. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2015 , 2015, 2592-5	0.9	1
35	Oxidative stress, redox signaling, and autophagy: cell death versus survival. <i>Antioxidants and Redox Signaling</i> , 2014 , 21, 66-85	8.4	281
34	Silibinin protects H9c2 cardiac cells from oxidative stress and inhibits phenylephrine-induced hypertrophy: potential mechanisms. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 586-94	6.3	28

33	Oxidative Stress and Redox Signaling in Carcinogenesis 2013 , 203-236		1
32	Efficient E. coli expression strategies for production of soluble human crystallin ALDH3A1. <i>PLoS ONE</i> , 2013 , 8, e56582	3.7	23
31	Molecular markers for cancer prognosis and treatment: have we struck gold?. <i>Cancer Letters</i> , 2012 , 327, 142-52	9.9	31
30	Pleiotrophic effects of natural products in ROS-induced carcinogenesis: the role of plant-derived natural products in oral cancer chemoprevention. <i>Cancer Letters</i> , 2012 , 327, 16-25	9.9	37
29	Oxidative stress based-biomarkers in oral carcinogenesis: how far have we gone?. <i>Current Molecular Medicine</i> , 2012 , 12, 698-703	2.5	5
28	Biomarkers of protein oxidation in human disease. <i>Current Molecular Medicine</i> , 2012 , 12, 681-97	2.5	27
27	Biochemical and molecular analysis of the interaction between ERK2 MAP kinase and hypoxia inducible factor-1. <i>International Journal of Biochemistry and Cell Biology</i> , 2011 , 43, 1582-90	5.6	9
26	Reactive oxygen species (ROS)--induced genetic and epigenetic alterations in human carcinogenesis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011 , 711, 167-73	3.3	361
25	DNA damage induced by endogenous aldehydes: current state of knowledge. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011 , 711, 13-27	3.3	188
24	DNA damage and autophagy. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011 , 711, 158-66	3.3	141
23	Viral-induced human carcinogenesis: an oxidative stress perspective. <i>Molecular BioSystems</i> , 2010 , 6, 1162-72		36
22	Ouabain-induced perturbations in intracellular ionic homeostasis regulate death receptor-mediated apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010 , 15, 834-49	5.4	22
21	Molecular mechanisms of pesticide-induced neurotoxicity: Relevance to Parkinson's disease. <i>Chemico-Biological Interactions</i> , 2010 , 188, 289-300	5	163
20	The role of epigenetics in environmental and occupational carcinogenesis. <i>Chemico-Biological Interactions</i> , 2010 , 188, 340-9	5	44
19	The role of reactive oxygen species and oxidative stress in environmental carcinogenesis and biomarker development. <i>Chemico-Biological Interactions</i> , 2010 , 188, 334-9	5	171
18	DNA-PKcs deficiency leads to persistence of oxidatively induced clustered DNA lesions in human tumor cells. <i>Free Radical Biology and Medicine</i> , 2010 , 48, 1435-43	7.8	57
17	Accumulation of oxidatively induced clustered DNA lesions in human tumor tissues. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009 , 674, 131-6	3	68
16	Oxidative stress-induced regulation of the methionine metabolic pathway in human lung epithelial-like (A549) cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009 , 674, 23-30	3	18

15	Environmental toxicity, oxidative stress and apoptosis: mRNA levels in human lymphocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009 , 674, 3-22	3	361
14	Compromised repair of clustered DNA damage in the human acute lymphoblastic leukemia MSH2-deficient NALM-6 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009 , 674, 123-30	3	36
13	BRCA1 involvement in toxicological responses and human cancer etiology. <i>Toxicology Letters</i> , 2009 , 188, 77-83	4.4	12
12	Oxidative stress, DNA methylation and carcinogenesis. <i>Cancer Letters</i> , 2008 , 266, 6-11	9.9	456
11	Processing of clustered DNA damage in human breast cancer cells MCF-7 with partial DNA-PKcs deficiency. <i>Cancer Letters</i> , 2008 , 269, 174-83	9.9	27
10	Autocrine signaling involved in cell volume regulation: the role of released transmitters and plasma membrane receptors. <i>Journal of Cellular Physiology</i> , 2008 , 216, 14-28	7	32
9	Sulfur-containing compounds in protecting against oxidant-mediated lung diseases. <i>Current Medicinal Chemistry</i> , 2007 , 14, 2590-6	4.3	19
8	Glutathione depletion is necessary for apoptosis in lymphoid cells independent of reactive oxygen species formation. <i>Journal of Biological Chemistry</i> , 2007 , 282, 30452-65	5.4	205
7	Activation of a novel isoform of methionine adenosyl transferase 2A and increased S-adenosylmethionine turnover in lung epithelial cells exposed to hyperoxia. <i>Free Radical Biology and Medicine</i> , 2006 , 40, 348-58	7.8	6
6	On the mechanism of ionic regulation of apoptosis: would the Na ⁺ /K ⁺ -ATPase please stand up?. <i>Acta Physiologica</i> , 2006 , 187, 205-15	5.6	59
5	Effect of cell cycle growth arrest on global DNA methylation status in human lung epithelial-like (A549) cells. <i>In Vivo</i> , 2006 , 20, 861-5	2.3	5
4	Cigarette smoke extract increases S-adenosylmethionine and cystathionine in human lung epithelial-like (A549) cells. <i>Chemico-Biological Interactions</i> , 2004 , 147, 87-97	5	25
3	Hyperoxia-induced DNA damage causes decreased DNA methylation in human lung epithelial-like A549 cells. <i>Antioxidants and Redox Signaling</i> , 2004 , 6, 129-36	8.4	26
2	Ex vivo assessment of lymphocyte antioxidant status using the comet assay. <i>Free Radical Research</i> , 1997 , 27, 533-7	4	68
1	Comet assay in human biomonitoring studies: reliability, validation, and applications. <i>Environmental and Molecular Mutagenesis</i> , 1997 , 30, 139-46	3.2	454