

# Aglaia Pappa

## 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.

96  
papers

4,475  
citations

34  
h-index

65  
g-index

104  
ext. papers

5,312  
ext. citations

5.2  
avg, IF

5.51  
L-index

#	Paper	IF	Citations
96	Profiling of Aldehyde Dehydrogenase Isoforms in Formed Tumorspheres. <i>Anticancer Research</i> , <b>2021</b> , 41, 5481-5488	2.3	1
95	Anticancer Activity of Biogenic Selenium Nanoparticles: Apoptotic and Immunogenic Cell Death Markers in Colon Cancer Cells. <i>Cancers</i> , <b>2021</b> , 13,	6.6	3
94	Benzyl and phenethyl isothiocyanates as promising epigenetic drug compounds by modulating histone acetylation and methylation marks in malignant melanoma. <i>Investigational New Drugs</i> , <b>2021</b> , 39, 1460-1468	4.3	2
93	Antitumor Potential of Essential Oil in Breast Tumor-Bearing Mice. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	3
92	Protective role of taurine against oxidative stress (Review). <i>Molecular Medicine Reports</i> , <b>2021</b> , 24,	2.9	12
91	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> , <b>2021</b> , 41, 3989-3995	2.3	4
90	Sulforaphane and iberin are potent epigenetic modulators of histone acetylation and methylation in malignant melanoma. <i>European Journal of Nutrition</i> , <b>2021</b> , 60, 147-158	5.2	16
89	Aldehyde Dehydrogenase 1B1 Is Associated with Altered Cell Morphology, Proliferation, Migration and Chemosensitivity in Human Colorectal Adenocarcinoma Cells. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	2
88	Antioxidant and Cytoprotective Potential of the Essential Oil var and Its Major Components Myrcene and -Pinene. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	7
87	An Evaluation of the Anti-Carcinogenic Response of Major Isothiocyanates in Non-Metastatic and Metastatic Melanoma Cells. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	1
86	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> , <b>2021</b> , 39, 971-986	4.3	1
85	Toxicity Profiling of Biosurfactants Produced by Novel Marine Bacterial Strains. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	10
84	A New Controlled Release System for Propolis Polyphenols and Its Biochemical Activity for Skin Applications. <i>Plants</i> , <b>2021</b> , 10,	4.5	2
83	Mitochondrial Metabolism in Astrocytes Regulates Brain Bioenergetics, Neurotransmission and Redox Balance. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 536682	5.1	18
82	Marine-Derived Surface Active Agents: Health-Promoting Properties and Blue Biotechnology-Based Applications. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	3
81	Honey Extracts Exhibit Cytoprotective Properties against UVB-Induced Photodamage in Human Experimental Skin Models. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	10
80	Assessment of the Antimicrobial, Antioxidant, and Antiproliferative Potential of subsp. Essential Oil. <i>Foods</i> , <b>2020</b> , 9,	4.9	6

79	Immune Responses Raised in an Experimental Colon Carcinoma Model Following Oral Administration of. <i>Cancers</i> , <b>2020</b> , 12,	6.6	26
78	Survival Mechanisms and Xenobiotic Susceptibility of Keratinocytes Exposed to Metal-Derived Nanoparticles. <i>Chemical Research in Toxicology</i> , <b>2020</b> , 33, 536-552	4	0
77	Redox homeostasis, oxidative stress and mitophagy. <i>Mitochondrion</i> , <b>2020</b> , 51, 105-117	4.9	30
76	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> , <b>2020</b> , 150, 66-74	7.8	9
75	Ectonucleotidase CD73 and CD39 expression in non-small cell lung cancer relates to hypoxia and immunosuppressive pathways. <i>Life Sciences</i> , <b>2020</b> , 259, 118389	6.8	11
74	Surface Active Agents and Their Health-Promoting Properties: Molecules of Multifunctional Significance. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	21
73	Allyl isothiocyanate regulates lysine acetylation and methylation marks in an experimental model of malignant melanoma. <i>European Journal of Nutrition</i> , <b>2020</b> , 59, 557-569	5.2	11
72	Anticancer activity of a novel methylated analogue of L-mimosine against an in vitro model of human malignant melanoma. <i>Investigational New Drugs</i> , <b>2020</b> , 38, 621-633	4.3	3
71	Hyperthermia Suppresses Post - Proliferation and Tumor Growth in Murine Malignant Melanoma and Colon Carcinoma. <i>Anticancer Research</i> , <b>2019</b> , 39, 2307-2315	2.3	4
70	Propolis Extracts Inhibit UV-Induced Photodamage in Human Experimental In Vitro Skin Models. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	21
69	The Role of Isothiocyanates as Cancer Chemo-Preventive, Chemo-Therapeutic and Anti-Melanoma Agents. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	48
68	Probiotics in Extraintestinal Diseases: Current Trends and New Directions. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	36
67	Anticancer Activity of Essential Oils and Other Extracts from Aromatic Plants Grown in Greece. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	15
66	Extraction, Chemical Composition, and Anticancer Potential of L. Essential Oil. <i>Molecules</i> , <b>2019</b> , 24,	4.8	26
65	Evaluation of Antioxidant and Antiproliferative Properties of L Fruit Juice. <i>Antioxidants</i> , <b>2019</b> , 8,	7.1	15
64	Isothiocyanate-induced Cell Cycle Arrest in a Novel Exposure Protocol of Human Malignant Melanoma (A375) Cells. <i>Anticancer Research</i> , <b>2019</b> , 39, 591-596	2.3	3
63	Arsenic-induced neurotoxicity: a mechanistic appraisal. <i>Journal of Biological Inorganic Chemistry</i> , <b>2019</b> , 24, 1305-1316	3.7	35
62	Improving the Subcutaneous Mouse Tumor Model by Effective Manipulation of Magnetic Nanoparticles-Treated Implanted Cancer Cells. <i>Annals of Biomedical Engineering</i> , <b>2018</b> , 46, 1975-1987	4.7	1

61	Chemical Composition and Evaluation of the Biological Properties of the Essential Oil of the Dietary Phytochemical <i>Lippia citriodora</i> . <i>Molecules</i> , <b>2018</b> , 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> , <b>2018</b> , 8, 10724	4.9	26
59	From chemo-prevention to epigenetic regulation: The role of isothiocyanates in skin cancer prevention. <i>Pharmacology &amp; Therapeutics</i> , <b>2018</b> , 190, 187-201	13.9	22
58	Novel Docosahexaenoic Acid Ester of Phloridzin Inhibits Proliferation and Triggers Apoptosis in an In Vitro Model of Skin Cancer. <i>Antioxidants</i> , <b>2018</b> , 7,	7.1	6
57	K5 displays adhesion, anti-proliferative activity and apoptotic effects in human colon cancer cells. <i>Beneficial Microbes</i> , <b>2018</b> , 9, 975-983	4.9	22
56	Glucose Metabolism and AMPK Signaling Regulate Dopaminergic Cell Death Induced by Gene (βSynuclein)-Environment (Paraquat) Interactions. <i>Molecular Neurobiology</i> , <b>2017</b> , 54, 3825-3842	6.2	33
55	Human aldehyde dehydrogenase 3A1 (ALDH3A1) exhibits chaperone-like function. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2017</b> , 89, 16-24	5.6	6
54	Dietary mastic oil extracted from <i>Pistacia lentiscus</i> var. <i>chia</i> suppresses tumor growth in experimental colon cancer models. <i>Scientific Reports</i> , <b>2017</b> , 7, 3782	4.9	36
53	Citrus medica essential oil exhibits significant antimicrobial and antiproliferative activity. <i>LWT - Food Science and Technology</i> , <b>2017</b> , 84, 344-352	5.4	43
52	Metabolic Dysfunction in Parkinson's Disease: Bioenergetics, Redox Homeostasis and Central Carbon Metabolism. <i>Brain Research Bulletin</i> , <b>2017</b> , 133, 12-30	3.9	60
51	Mitochondrial dysfunction in glial cells: Implications for neuronal homeostasis and survival. <i>Toxicology</i> , <b>2017</b> , 391, 109-115	4.4	70
50	Metabolic Investigations of the Molecular Mechanisms Associated with Parkinson's Disease. <i>Metabolites</i> , <b>2017</b> , 7,	5.6	25
49	A Novel Role of Silibinin as a Putative Epigenetic Modulator in Human Prostate Carcinoma. <i>Molecules</i> , <b>2016</b> , 22,	4.8	25
48	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> , <b>2016</b> , 77, 120-128	5.6	19
47	Effects of hyperthermia as a mitigation strategy in DNA damage-based cancer therapies. <i>Seminars in Cancer Biology</i> , <b>2016</b> , 37-38, 96-105	12.7	29
46	Antioxidant and Antiproliferative Properties of the Essential Oils of <i>Satureja thymbra</i> and <i>Satureja parnassica</i> and their Major Constituents. <i>Anticancer Research</i> , <b>2016</b> , 36, 5757-5763	2.3	31
45	Development of a Novel Experimental In Vitro Model of Isothiocyanate-induced Apoptosis in Human Malignant Melanoma Cells. <i>Anticancer Research</i> , <b>2016</b> , 36, 6303-6309	2.3	16
44	Phytochemical Profile and Evaluation of the Biological Activities of Essential Oils Derived from the Greek Aromatic Plant Species <i>Ocimum basilicum</i> , <i>Mentha spicata</i> , <i>Pimpinella anisum</i> and <i>Fortunella margarita</i> . <i>Molecules</i> , <b>2016</b> , 21,	4.8	54

43	DNA vaccines to attack cancer: Strategies for improving immunogenicity and efficacy. <i>Pharmacology &amp; Therapeutics</i> , <b>2016</b> , 165, 32-49	13.9	38
42	Survival Fraction at 2 Gy and B2AX Expression Kinetics in Peripheral Blood Lymphocytes From Cancer Patients: Relationship With Acute Radiation-Induced Toxicities. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2015</b> , 92, 667-74	4	17
41	Epigenetic therapy as a novel approach in hepatocellular carcinoma. <i>Pharmacology &amp; Therapeutics</i> , <b>2015</b> , 145, 103-19	13.9	47
40	Composition, antimicrobial, antioxidant, and antiproliferative activity of <i>Origanum dictamnus</i> (dittany) essential oil. <i>Microbial Ecology in Health and Disease</i> , <b>2015</b> , 26, 26543		21
39	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> , <b>2015</b> , 2015, 2592-5	0.9	1
38	Oxidative stress, redox signaling, and autophagy: cell death versus survival. <i>Antioxidants and Redox Signaling</i> , <b>2014</b> , 21, 66-85	8.4	281
37	Antioxidant gene therapy against neuronal cell death. <i>Pharmacology &amp; Therapeutics</i> , <b>2014</b> , 142, 206-30	13.9	77
36	Autophagy and lysosomal related protein expression patterns in human glioblastoma. <i>Cancer Biology and Therapy</i> , <b>2014</b> , 15, 1468-78	4.6	71
35	Silibinin protects H9c2 cardiac cells from oxidative stress and inhibits phenylephrine-induced hypertrophy: potential mechanisms. <i>Journal of Nutritional Biochemistry</i> , <b>2013</b> , 24, 586-94	6.3	28
34	Oxidative Stress and Redox Signaling in Carcinogenesis <b>2013</b> , 203-236		1
33	Efficient E. coli expression strategies for production of soluble human crystallin ALDH3A1. <i>PLoS ONE</i> , <b>2013</b> , 8, e56582	3.7	23
32	Pleiotrophic effects of natural products in ROS-induced carcinogenesis: the role of plant-derived natural products in oral cancer chemoprevention. <i>Cancer Letters</i> , <b>2012</b> , 327, 16-25	9.9	37
31	Myofibroblast differentiation modulates keratocyte crystallin protein expression, concentration, and cellular light scattering <b>2012</b> , 53, 770-8		58
30	Molecular mechanisms of ALDH3A1-mediated cellular protection against 4-hydroxy-2-nonenal. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 52, 1937-44	7.8	39
29	Oxidative stress based-biomarkers in oral carcinogenesis: how far have we gone?. <i>Current Molecular Medicine</i> , <b>2012</b> , 12, 698-703	2.5	5
28	Biomarkers of protein oxidation in human disease. <i>Current Molecular Medicine</i> , <b>2012</b> , 12, 681-97	2.5	27
27	Reactive oxygen species (ROS)--induced genetic and epigenetic alterations in human carcinogenesis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2011</b> , 711, 167-73	3.3	361
26	DNA damage induced by endogenous aldehydes: current state of knowledge. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2011</b> , 711, 13-27	3.3	188

25	Aldehyde dehydrogenase 7A1 (ALDH7A1) is a novel enzyme involved in cellular defense against hyperosmotic stress. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 18452-63	5.4	140
24	The role of epigenetics in environmental and occupational carcinogenesis. <i>Chemico-Biological Interactions</i> , <b>2010</b> , 188, 340-9	5	44
23	The role of reactive oxygen species and oxidative stress in environmental carcinogenesis and biomarker development. <i>Chemico-Biological Interactions</i> , <b>2010</b> , 188, 334-9	5	171
22	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> , <b>2009</b> , 674, 23-30	3	18
21	Reactive oxygen species and HIF-1 signalling in cancer. <i>Cancer Letters</i> , <b>2008</b> , 266, 12-20	9.9	159
20	Sulfur-containing compounds in protecting against oxidant-mediated lung diseases. <i>Current Medicinal Chemistry</i> , <b>2007</b> , 14, 2590-6	4.3	19
19	The central role of glutathione in the pathophysiology of human diseases. <i>Archives of Physiology and Biochemistry</i> , <b>2007</b> , 113, 234-58	2.2	357
18	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> , <b>2006</b> , 40, 348-58	7.8	6
17	Antioxidant function of corneal ALDH3A1 in cultured stromal fibroblasts. <i>Free Radical Biology and Medicine</i> , <b>2006</b> , 41, 1459-69	7.8	48
16	Effect of cell cycle growth arrest on global DNA methylation status in human lung epithelial-like (A549) cells. <i>In Vivo</i> , <b>2006</b> , 20, 861-5	2.3	5
15	Human aldehyde dehydrogenase 3A1 inhibits proliferation and promotes survival of human corneal epithelial cells. <i>Journal of Biological Chemistry</i> , <b>2005</b> , 280, 27998-8006	5.4	72
14	Molecular cloning, baculovirus expression, and tissue distribution of the zebrafish aldehyde dehydrogenase 2. <i>Drug Metabolism and Disposition</i> , <b>2005</b> , 33, 649-56	4	48
13	Role of human aldehyde dehydrogenases in endobiotic and xenobiotic metabolism. <i>Drug Metabolism Reviews</i> , <b>2004</b> , 36, 279-99	7	232
12	Human aldehyde dehydrogenase 3A1 (ALDH3A1): biochemical characterization and immunohistochemical localization in the cornea. <i>Biochemical Journal</i> , <b>2003</b> , 376, 615-23	3.8	132
11	Aldh3a1 protects human corneal epithelial cells from ultraviolet- and 4-hydroxy-2-nonenal-induced oxidative damage. <i>Free Radical Biology and Medicine</i> , <b>2003</b> , 34, 1178-89	7.8	93
10	Ultraviolet radiation decreases expression and induces aggregation of corneal ALDH3A1. <i>Chemico-Biological Interactions</i> , <b>2003</b> , 143-144, 45-53	5	28
9	Enzyme immunoassays for the determination of ovine LH and FSH. <i>Reproduction in Domestic Animals</i> , <b>2003</b> , 38, 367-72	1.6	3
8	Involvement of the electrophile responsive element and p53 in the activation of hepatic stellate cells as a response to electrophile menadione. <i>Archives of Biochemistry and Biophysics</i> , <b>2003</b> , 413, 164-71 <sup>4.1</sup>		16

7	Molecular cloning and baculovirus expression of the rabbit corneal aldehyde dehydrogenase (ALDH1A1) cDNA. <i>DNA and Cell Biology</i> , <b>2003</b> , 22, 329-38	3.6	42
6	Corneal and stomach expression of aldehyde dehydrogenases: from fish to mammals. <i>Chemico-Biological Interactions</i> , <b>2001</b> , 130-132, 181-91	5	48
5	Aldehyde dehydrogenase gene superfamily: the 2000 update. <i>Chemico-Biological Interactions</i> , <b>2001</b> , 130-132, 323-37	5	56
4	Role of aldehyde dehydrogenases in endogenous and xenobiotic metabolism. <i>Chemico-Biological Interactions</i> , <b>2000</b> , 129, 1-19	5	281
3	Polymorphisms of human aldehyde dehydrogenases. Consequences for drug metabolism and disease. <i>Pharmacology</i> , <b>2000</b> , 61, 192-8	2.3	128
2	Involvement of p65 in the regulation of NF-kappaB in rat hepatic stellate cells during cirrhosis. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 273, 546-50	3.4	23
1	Purification of a candidate gonadotrophin surge attenuating factor from human follicular fluid. <i>Human Reproduction</i> , <b>1999</b> , 14, 1449-56	5.7	25