Nihal Ahmad

List of Publications by Year
in descending order

235 papers	21,697 citations	13068 68 h-index	9553 142 g-index
236 all docs	236 docs citations	236 times ranked	26998 citing authors

#	Article	IF	Citations
1	Dose translation from animal to human studies revisited. FASEB Journal, 2008, 22, 659-661.	0.2	4,838
2	Tea polyphenols: prevention of cancer and optimizing health. American Journal of Clinical Nutrition, 2000, 71, 1698S-1702S.	2.2	739
3	Targeting Multiple Signaling Pathways by Green Tea Polyphenol (â˜')-Epigallocatechin-3-Gallate. Cancer Research, 2006, 66, 2500-2505.	0.4	737
4	Green Tea Constituent Epigallocatechin-3-Gallate and Induction of Apoptosis and Cell Cycle Arrest in Human Carcinoma Cells. Journal of the National Cancer Institute, 1997, 89, 1881-1886.	3.0	701
5	The Role of Sirtuins in Antioxidant and Redox Signaling. Antioxidants and Redox Signaling, 2018, 28, 643-661.	2.5	488
6	Over-expression of cyclooxygenase-2 in human prostate adenocarcinoma. , 2000, 42, 73-78.		465
7	Green Tea Polyphenol Epigallocatechin-3-Gallate Differentially Modulates Nuclear Factor ÎºB in Cancer Cells versus Normal Cells. Archives of Biochemistry and Biophysics, 2000, 376, 338-346.	1.4	423
8	What Is New for an Old Molecule? Systematic Review and Recommendations on the Use of Resveratrol. PLoS ONE, 2011, 6, e19881.	1.1	375
9	Introducing Nanochemoprevention as a Novel Approach for Cancer Control: Proof of Principle with Green Tea Polyphenol Epigallocatechin-3-Gallate. Cancer Research, 2009, 69, 1712-1716.	0.4	362
10	Fisetin: A Dietary Antioxidant for Health Promotion. Antioxidants and Redox Signaling, 2013, 19, 151-162.	2.5	351
11	Role of p53 and NF-ÎºB in epigallocatechin-3-gallate-induced apoptosis of LNCaP cells. Oncogene, 2003, 22, 4851-4859.	2.6	321
12	Green Tea Polyphenols and Cancer: Biologic Mechanisms and Practical Implications. Nutrition Reviews, 1999, 57, 78-83.	2.6	320
13	Plk1 Inhibitors in Cancer Therapy: From Laboratory to Clinics. Molecular Cancer Therapeutics, 2016, 15, 1427-1435.	1.9	299
14	Oral Consumption of Green Tea Polyphenols Inhibits Insulin-Like Growth Factor-Iâ€"Induced Signaling in an Autochthonous Mouse Model of Prostate Cancer. Cancer Research, 2004, 64, 8715-8722.	0.4	281
15	Growth Inhibition, Cell-Cycle Dysregulation, and Induction of Apoptosis by Green Tea Constituent (-)-Epigallocatechin-3-gallate in Androgen-Sensitive and Androgen-Insensitive Human Prostate Carcinoma Cells. Toxicology and Applied Pharmacology, 2000, 164, 82-90.	1.3	268
16	Enhancing the bioavailability of resveratrol by combining it with piperine. Molecular Nutrition and Food Research, 2011, 55, 1169-1176.	1.5	261
17	Prevention of short-term ultraviolet B radiation-mediated damages by resveratrol in SKH-1 hairless miceâ˜†â˜†Part of this work was conducted at the Department of Dermatology, Case Western Reserve University and the Research Institute of University Hospitals of Cleveland, 11100 Euclid Avenue, Cleveland, Ohio 44106.. Toxicology and Applied Pharmacology, 2003, 186, 28-37.	1.3	246
18	Inhibition of ultraviolet B-mediated activation of nuclear factor ÎºB in normal human epidermal keratinocytes by green tea Constituent (-)-epigallocatechin-3-gallate. Oncogene, 2003, 22, 1035-1044.	2.6	236

#	Article	IF	Citations
19	Essential role of caspases in epigallocatechin-3-gallate-mediated inhibition of nuclear factor kappaB and induction of apoptosis. Oncogene, 2004, 23, 2507-2522.	2.6	221
20	Molecular Targets for Green Tea in Prostate Cancer Prevention. Journal of Nutrition, 2003, 133, 2417S-2424S.	1.3	218
21	Anti-proliferative and proapoptotic effects of (?)-epigallocatechin-3-gallate on human melanoma: Possible implications for the chemoprevention of melanoma. International Journal of Cancer, 2005, 114, 513-521.	2.3	218
22	Circadian Rhythm Connections to Oxidative Stress: Implications for Human Health. Antioxidants and Redox Signaling, 2013, 19, 192-208.	2.5	218
23	Cell Cycle Dysregulation by Green Tea Polyphenol Epigallocatechin-3-Gallate. Biochemical and Biophysical Research Communications, 2000, 275, 328-334.	1.0	214
24	Chemoprevention of skin cancer by grape constituent resveratrol: relevance to human disease?. FASEB Journal, 2005, 19, 1193-1195.	0.2	209
25	Resveratrol and cancer: Challenges for clinical translation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 1178-1185.	1.8	204
26	Sirtuins, melatonin and circadian rhythms: building a bridge between aging and cancer. Journal of Pineal Research, 2010, 48, 9-19.	3.4	199
27	Lipoxygenase-5 is overexpressed in prostate adenocarcinoma. Cancer, 2001, 91, 737-743.	2.0	191
28	Resveratrol-caused apoptosis of human prostate carcinoma LNCaP cells is mediated via modulation of phosphatidylinositol 3â€²-kinase/Akt pathway and Bcl-2 family proteins. Molecular Cancer Therapeutics, 2006, 5, 1335-1341.	1.9	189
29	Suppression of Ultraviolet B Exposure-Mediated Activation of NF-Î°B in Normal Human Keratinocytes by Resveratrol. Neoplasia, 2003, 5, 74-82.	2.3	180
30	Green Tea and Skin. Archives of Dermatology, 2000, 136, 989-94.	1.7	176
31	Melatonin in Cancer Management: Progress and Promise: Figure 1.. Cancer Research, 2006, 66, 9789-9793.	0.4	168
32	Role of Sirtuin Histone Deacetylase SIRT1 in Prostate Cancer. Journal of Biological Chemistry, 2009, 284, 3823-3832.	1.6	156
33	The grape antioxidant resveratrol for skin disorders: Promise, prospects, and challenges. Archives of Biochemistry and Biophysics, 2011, 508, 164-170.	1.4	153
34	Modulations of critical cell cycle regulatory events during chemoprevention of ultraviolet B-mediated responses by resveratrol in SKH-1 hairless mouse skin. Oncogene, 2004, 23, 5151-5160.	2.6	143
35	Cancer Chemoprevention: Future Holds in Multiple Agents. Toxicology and Applied Pharmacology, 1999, 158, 207-210.	1.3	134
36	Melatonin, a novel Sirt1 inhibitor, imparts antiproliferative effects against prostate cancer in vitro in culture and in vivo in TRAMP model. Journal of Pineal Research, 2011, 50, 140-149.	3.4	134

#	Article	IF	Citations
37	Suppression of UVB-induced phosphorylation of mitogen-activated protein kinases and nuclear factor kappa B by green tea polyphenol in SKH-1 hairless mice. Oncogene, 2003, 22, 9254-9264.	2.6	133
38	Resveratrol nanoformulation for cancer prevention and therapy. Annals of the New York Academy of Sciences, 2015, 1348, 20-31.	1.8	131
39	Modulation of phosphatidylinositol-3-kinase/protein kinase B- and mitogen-activated protein kinase-pathways by tea polyphenols in human prostate cancer cells. Journal of Cellular Biochemistry, 2004, 91, 232-242.	1.2	120
40	Prevention of Ultraviolet-B Radiation Damage by Resveratrol in Mouse Skin Is Mediated via Modulation in SurvivinÂ¶. Photochemistry and Photobiology, 2005, 81, 25.	1.3	118
41	Silencing of poloâ€like kinase (Plk) 1 via siRNA causes induction of apoptosis and impairment of mitosis machinery in human prostate cancer cells: implications for the treatment of prostate cancer. FASEB Journal, 2005, 19, 1-14.	0.2	116
42	Naturally occurring organic osmolytes: From cell physiology to disease prevention. IUBMB Life, 2010, 62, 891-895.	1.5	116
43	Sanguinarine causes cell cycle blockade and apoptosis of human prostate carcinoma cells via modulation of cyclin kinase inhibitor-cyclin-cyclin-dependent kinase machinery. Molecular Cancer Therapeutics, 2004, 3, 933-40.	1.9	116
44	Botanical antioxidants for chemoprevention of photocarcinogenesis. Frontiers in Bioscience - Landmark, 2002, 7, d784.	3.0	114
45	Cytochrome P450: A Target for Drug Development for Skin Diseases. Journal of Investigative Dermatology, 2004, 123, 417-425.	0.3	111
46	The Role of Polo-like Kinase 1 in Carcinogenesis: Cause or Consequence?. Cancer Research, 2013, 73, 6848-6855.	0.4	111
47	Activation of prodeath Bcl-2 family proteins and mitochondrial apoptosis pathway by sanguinarine in immortalized human HaCaT keratinocytes. Clinical Cancer Research, 2003, 9, 3176-82.	3.2	111
48	Antioxidants of the Beverage Tea in Promotion of Human Health. Antioxidants and Redox Signaling, 2004, 6, 571-582.	2.5	109
49	Melatonin resynchronizes dysregulated circadian rhythm circuitry in human prostate cancer cells. Journal of Pineal Research, 2010, 49, no-no.	3.4	109
50	Nanochemoprevention: Sustained Release of Bioactive Food Components for Cancer Prevention. Nutrition and Cancer, 2010, 62, 883-890.	0.9	109
51	Steroid hormone receptors in cancer development: A target for cancer therapeutics. Cancer Letters, 2011, 300, 1-9.	3.2	105
52	Sanguinarine induces apoptosis of human pancreatic carcinoma AsPC-1 and BxPC-3 cells via modulations in Bcl-2 family proteins. Cancer Letters, 2007, 249, 198-208.	3.2	102
53	Skin Cancer Chemopreventive Effects of a Flavonoid Antioxidant Silymarin Are Mediated via Impairment of Receptor Tyrosine Kinase Signaling and Perturbation in Cell Cycle Progression. Biochemical and Biophysical Research Communications, 1998, 247, 294-301.	1.0	97
54	Effective Prostate Cancer Chemopreventive Intervention with Green Tea Polyphenols in the TRAMP Model Depends on the Stage of the Disease. Clinical Cancer Research, 2009, 15, 1947-1953.	3.2	95

#	Article	IF	Citations
55	Resveratrolâ€based combinatorial strategies for cancer management. Annals of the New York Academy of Sciences, 2013, 1290, 113-121.	1.8	91
56	Cancer chemoprevention by resveratrol: in vitro and in vivo studies and the underlying mechanisms (review). International Journal of Oncology, 2003, 23, 17-28.	1.4	89
57	Plk1 Inhibition Enhances the Efficacy of Androgen Signaling Blockade in Castration-Resistant Prostate Cancer. Cancer Research, 2014, 74, 6635-6647.	0.4	87
58	Resveratrol, in its natural combination in whole grape, for health promotion and disease management. Annals of the New York Academy of Sciences, 2015, 1348, 150-160.	1.8	85
59	Regulation of mitosis via mitotic kinases: new opportunities for cancer management. Molecular Cancer Therapeutics, 2007, 6, 1920-1931.	1.9	84
60	Involvement of Bcl-2 and Bax in Photodynamic Therapy-mediated Apoptosis. Journal of Biological Chemistry, 2001, 276, 15481-15488.	1.6	82
61	Cancer chemoprevention by resveratrol: In vitro and in vivo studies and the underlying mechanisms (review). International Journal of Oncology, 2003, 23, 17.	1.4	80
62	Evidence for the involvement of nitric oxide in cisplatin-induced toxicity in rats. BioMetals, 1996, 9, 139-42.	1.8	79
63	Involvement of the Retinoblastoma (pRb)â€"E2F/DP Pathway during Antiproliferative Effects of Resveratrol in Human Epidermoid Carcinoma (A431) Cells. Biochemical and Biophysical Research Communications, 2001, 288, 579-585.	1.0	79
64	Role of GLI2 Transcription Factor in Growth and Tumorigenicity of Prostate Cells. Cancer Research, 2007, 67, 10642-10646.	0.4	78
65	Resveratrol in cancer management: where are we and where we go from here?. Annals of the New York Academy of Sciences, 2011, 1215, 144-149.	1.8	76
66	Combination chemoprevention with grape antioxidants. Molecular Nutrition and Food Research, 2016, 60, 1406-1415.	1.5	76
67	Mechanism of Cancer Chemopreventive Activity of Green Tea. Proceedings of the Society for Experimental Biology and Medicine, 1999, 220, 234-238.	2.0	75
68	Role of the Retinoblastoma (pRb)â€"E2F/DP Pathway in Cancer Chemopreventive Effects of Green Tea Polyphenol Epigallocatechin-3-gallate. Archives of Biochemistry and Biophysics, 2002, 398, 125-131.	1.4	75
69	Inhibition of CWR22RÎ½1 tumor growth and PSA secretion in athymic nude mice by green and black teas. Carcinogenesis, 2006, 27, 833-839.	1.3	71
70	Selenium and Vitamin E for Prostate Cancer: Post-SELECT (Selenium and Vitamin E Cancer Prevention) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.9	69
71	Plk1 Phosphorylation of PTEN Causes a Tumor-Promoting Metabolic State. Molecular and Cellular Biology, 2014, 34, 3642-3661.	1.1	69
72	Targeted Depletion of Polo-Like Kinase (Plk) 1 Through Lentiviral shRNA or a Small-Molecule Inhibitor Causes Mitotic Catastrophe and Induction of Apoptosis in Human Melanoma Cells. Journal of Investigative Dermatology, 2009, 129, 2843-2853.	0.3	66

#	Article	IF	Citations
73	Role of intrinsically disordered protein regions/domains in transcriptional regulation. Life Sciences, 2009, 84, 189-193.	2.0	66
74	Inhibition of cholesterol biosynthesis overcomes enzalutamide resistance in castration-resistant prostate cancer (CRPC). Journal of Biological Chemistry, 2018, 293, 14328-14341.	1.6	66
75	Inhibition of enhancer of zeste homolog 2 (EZH2) overcomes enzalutamide resistance in castration-resistant prostate cancer. Journal of Biological Chemistry, 2019, 294, 9911-9923.	1.6	66
76	A Definitive Role of Ornithine Decarboxylase in Photocarcinogenesis. American Journal of Pathology, 2001, 159, 885-892.	1.9	65
77	Mitochondrial Sirtuins in Cancer: Emerging Roles and Therapeutic Potential. Cancer Research, 2016, 76, 2500-2506.	0.4	64
78	Pro-Proliferative Function of Mitochondrial Sirtuin Deacetylase SIRT3 in Human Melanoma. Journal of Investigative Dermatology, 2016, 136, 809-818.	0.3	64
79	Cutaneous Photochemoprotection by Green Tea: A Brief Review. Skin Pharmacology and Physiology, 2001, 14, 69-76.	1.1	63
80	SIRT1 deacetylase is overexpressed in human melanoma and its small molecule inhibition imparts anti-proliferative response via p53 activation. Archives of Biochemistry and Biophysics, 2014, 563, 94-100.	1.4	62
81	Enhancement of UVB radiationâ€“mediated apoptosis by sanguinarine in HaCaT human immortalized keratinocytes. Molecular Cancer Therapeutics, 2006, 5, 418-429.	1.9	61
82	In vitro and in vivo inhibition of epidermal growth factor receptor-tyrosine kinase pathway by photodynamic therapy. Oncogene, 2001, 20, 2314-2317.	2.6	58
83	Role of p53 in the anti-proliferative effects of Sirt1 inhibition in prostate cancer cells. Cell Cycle, 2009, 8, 1478-1483.	1.3	58
84	Polo-like Kinase 1 Facilitates Loss of Pten Tumor Suppressor-induced Prostate Cancer Formation. Journal of Biological Chemistry, 2011, 286, 35795-35800.	1.6	57
85	[32] Mechanism of photodynamic therapy-induced cell death. Methods in Enzymology, 2000, 319, 342-358.	0.4	56
86	SIRT1 controls circadian clock circuitry and promotes cell survival: a connection with ageâ€related neoplasms. FASEB Journal, 2009, 23, 2803-2809.	0.2	56
87	The role of Forkhead-box Class O (FoxO) transcription factors in cancer: A target for the management of cancer. Toxicology and Applied Pharmacology, 2007, 224, 360-368.	1.3	53
88	Combination of vitamin E and selenium causes an induction of apoptosis of human prostate cancer cells by enhancing Bax/Bclâ€2 ratio. Prostate, 2008, 68, 1624-1634.	1.2	53
89	(-)-Epigallocatechin-3-gallate (EGCG) sensitizes melanoma cells to interferon induced growth inhibition in a mouse model of human melanoma. Cell Cycle, 2009, 8, 2057-2063.	1.3	53
90	Skin, Reactive Oxygen Species, and Circadian Clocks. Antioxidants and Redox Signaling, 2014, 20, 2982-2996.	2.5	53

#	ARTICLE	IF	CITATIONS
91	Combined Inhibition of MEK and Plk1 Has Synergistic Antitumor Activity in NRAS Mutant Melanoma. Journal of Investigative Dermatology, 2015, 135, 2475-2483.	0.3	51
92	Prognostic significance of metastasis-associated protein S100A4 (Mts1) in prostate cancer progression and chemoprevention regimens in an autochthonous mouse model. Clinical Cancer Research, 2005, 11, 147-53.	3.2	51
93	Involvement of Fas (APO-1/CD-95) during Photodynamic-Therapy-Mediated Apoptosis in Human Epidermoid Carcinoma A431 Cells. Journal of Investigative Dermatology, 2000, 115, 1041-1046.	0.3	49
94	Resveratrol Imparts Photoprotection of Normal Cells and Enhances the Efficacy of Radiation Therapy in Cancer Cells. Photochemistry and Photobiology, 2008, 84, 415-421.	1.3	49
95	NOTCH signaling is activated in and contributes to resistance in enzalutamide-resistant prostate cancer cells. Journal of Biological Chemistry, 2019, 294, 8543-8554.	1.6	49
96	RNA Interferenceâ€"Mediated Depletion of Phosphoinositide 3-Kinase Activates Forkhead Box Class O Transcription Factors and Induces Cell Cycle Arrest and Apoptosis in Breast Carcinoma Cells. Cancer Research, 2006, 66, 1062-1069.	0.4	46
97	Plk1 Phosphorylation of Mre11 Antagonizes the DNA Damage Response. Cancer Research, 2017, 77, 3169-3180.	0.4	45
98	Protein-Protein Interactions: Principles, Techniques, and their Potential Role in New Drug Development. Journal of Biomolecular Structure and Dynamics, 2011, 28, 929-938.	2.0	43
99	Centriole Overduplication is the Predominant Mechanism Leading to Centrosome Amplification in Melanoma. Molecular Cancer Research, 2018, 16, 517-527.	1.5	43
100	Polo-like kinase 1 (Plk1) in non-melanoma skin cancers. Cell Cycle, 2009, 8, 2697-2702.	1.3	42
101	SIRT6 histone deacetylase functions as a potential oncogene in human melanoma. Genes and Cancer, 2017, 8, 701-712.	0.6	42
102	Sirtuins in Skin and Skin Cancers. Skin Pharmacology and Physiology, 2017, 30, 216-224.	1.1	41
103	Prostate cancer chemoprevention by natural agents: Clinical evidence and potential implications. Cancer Letters, 2018, 422, 9-18.	3.2	41
104	SIRT1 is upregulated in cutaneous T-cell lymphoma, and its inhibition induces growth arrest and apoptosis. Cell Cycle, 2014, 13, 632-640.	1.3	40
105	Prevention of ultraviolet B radiation - damage by resveratrol in mouse skin is mediated via modulation in Survivin. Photochemistry and Photobiology, 2004, 81, 25-31.	1.3	40
106	PLK1 inhibition-based combination therapies for cancer management. Translational Oncology, 2022, 16, 101332.	1.7	40
107	Cotargeting HSP90 and Its Client Proteins for Treatment of Prostate Cancer. Molecular Cancer Therapeutics, 2016, 15, 2107-2118.	1.9	39
108	Mechanism of Ultraviolet B-Induced Cell Cycle Arrest in G2/M Phase in Immortalized Skin Keratinocytes with Defective p53. Biochemical and Biophysical Research Communications, 2000, 277, 107-111.	1.0	38

#	ARTICLE	IF	CITATIONS
109	Poloâ€like kinase (Plk) 1: a novel target for the treatment of prostate cancer. FASEB Journal, 2004, 18, 5-7.	0.2	38
110	Involvement of retinoblastoma (Rb) and E2F transcription factors during photodynamic therapy of human epidermoid carcinoma cells A431. Oncogene, 1999, 18, 1891-1896.	2.6	37
111	Antiproliferative Effects of Apple Peel Extract Against Cancer Cells. Nutrition and Cancer, 2010, 62, 517-524.	0.9	36
112	Regulation of PTEN degradation and NEDD4â€"1 E3 ligase activity by Numb. Cell Cycle, 2017, 16, 957-967.	1.3	36
113	The Role of SIRT1 in Cancer. American Journal of Pathology, 2015, 185, 26-28.	1.9	35
114	Polo-like kinase 1 (Plk1) is expressed by cutaneous T-cell lymphomas (CTCLs), and its downregulation promotes cell cycle arrest and apoptosis. Cell Cycle, 2011, 10, 1303-1311.	1.3	34
115	Inhibition of Polo-like Kinase 1 (Plk1) Enhances the Antineoplastic Activity of Metformin in Prostate Cancer. Journal of Biological Chemistry, 2015, 290, 2024-2033.	1.6	34
116	Melanoma Chemoprevention: Current Status and Future Prospects. Photochemistry and Photobiology, 2017, 93, 975-989.	1.3	34
117	Protective Effect of Sanguinarine on Ultraviolet B-mediated Damages in SKH-1 Hairless Mouse Skin: Implications for Prevention of Skin Cancer. Photochemistry and Photobiology, 2007, 83, 986-993.	1.3	33
118	Activation of telomerase and its association with G1-phase of the cell cycle during UVB-induced skin tumorigenesis in SKH-1 hairless mouse. Oncogene, 1999, 18, 1297-1302.	2.6	32
119	Numb Regulates Stability and Localization of the Mitotic Kinase PLK1 and Is Required for Transit through Mitosis. Cancer Research, 2012, 72, 3864-3872.	0.4	32
120	The Circadian Control of Skin and Cutaneous Photodamage^{â€}. Photochemistry and Photobiology, 2012, 88, 1037-1047.	1.3	32
121	Analysis of Zinc-Exporters Expression in Prostate Cancer. Scientific Reports, 2016, 6, 36772.	1.6	32
122	Large-Scale Label-Free Comparative Proteomics Analysis of Polo-Like Kinase 1 Inhibition via the Small-Molecule Inhibitor BI 6727 (Volasertib) in BRAF^{V600E} Mutant Melanoma Cells. Journal of Proteome Research, 2014, 13, 5041-5050.	1.8	31
123	Microfluidic-integrated patterned ITO immunosensor for rapid detection of prostate-specific membrane antigen biomarker in prostate cancer. Biosensors and Bioelectronics, 2017, 95, 160-167.	5.3	30
124	Sirtuin deacetylases: A new target for melanoma management. Cell Cycle, 2014, 13, 2821-2826.	1.3	29
125	Cotargeting Polo-Like Kinase 1 and the Wnt/Î²-Catenin Signaling Pathway in Castration-Resistant Prostate Cancer. Molecular and Cellular Biology, 2015, 35, 4185-4198.	1.1	29
126	4â€²â€Bromoâ€resveratrol, a dual Sirtuinâ€1 and Sirtuinâ€3 inhibitor, inhibits melanoma cell growth through mitochondrial metabolic reprogramming. Molecular Carcinogenesis, 2019, 58, 1876-1885.	1.3	29

#	Article	IF	Citations
127	Plk1 inhibition enhances the efficacy of gemcitabine in human pancreatic cancer. Cell Cycle, 2016, 15, 711-719.	1.3	28
128	Recent Advancements on Immunomodulatory Mechanisms of Resveratrol in Tumor Microenvironment. Molecules, 2021, 26, 1343.	1.7	27
129	Ultraviolet B exposure activates Stat3 signaling via phosphorylation at tyrosine705 in skin of SKH1 hairless mouse: A target for the management of skin cancer?. Biochemical and Biophysical Research Communications, 2005, 333, 241-246.	1.0	26
130	Modulating Polo-Like Kinase 1 as a Means for Cancer Chemoprevention. Pharmaceutical Research, 2010, 27, 989-998.	1.7	26
131	Quercetinâ€“Resveratrol Combination for Prostate Cancer Management in TRAMP Mice. Cancers, 2020, 12, 2141.	1.7	26
132	Novel downstream molecular targets of SIRT1 in melanoma: A quantitative proteomics approach. Oncotarget, 2014, 5, 1987-1999.	0.8	26
133	Ultraviolet-B Radiation Causes an Upregulation of Survivin in Human Keratinocytes and Mouse SkinÂ¶. Photochemistry and Photobiology, 2004, 80, 602.	1.3	25
134	Combining p53 stabilizers with metformin induces synergistic apoptosis through regulation of energy metabolism in castration-resistant prostate cancer. Cell Cycle, 2016, 15, 840-849.	1.3	25
135	Molecular signatures of sanguinarine in human pancreatic cancer cells:<i>A large scale label-free comparative proteomics approach</i>. Oncotarget, 2015, 6, 10335-10349.	0.8	25
136	Small molecule inhibition of polo-like kinase 1 by volasertib (BI 6727) causes significant melanoma growth delay and regression inÂvivo. Cancer Letters, 2017, 385, 179-187.	3.2	24
137	Effects and Mechanism of Nicotinamide Against <scp>UVA</scp>â€•and/or <scp>UVB</scp>â€mediated <scp>DNA</scp> Damages in Normal Melanocytes. Photochemistry and Photobiology, 2019, 95, 331-337.	1.3	24
138	Targeted knockdown of polo-like kinase 1 alters metabolic regulation in melanoma. Cancer Letters, 2017, 394, 13-21.	3.2	22
139	Inhibition of Plk1 represses androgen signaling pathway in castration-resistant prostate cancer. Cell Cycle, 2015, 14, 2142-2148.	1.3	21
140	Role of Polo-Like Kinase 4 (PLK4) in Epithelial Cancers and Recent Progress in its Small Molecule Targeting for Cancer Management. Molecular Cancer Therapeutics, 2021, 20, 632-640.	1.9	21
141	Mechanisms of Immunotherapy Resistance in Cutaneous Melanoma: Recognizing a Shapeshifter. Frontiers in Oncology, 2022, 12, 880876.	1.3	21
142	Polo-like kinase (Plk) 1 as a target for prostate cancer management. IUBMB Life, 2005, 57, 677-682.	1.5	20
143	Resveratrolâ€“zinc combination for prostate cancer management. Cell Cycle, 2014, 13, 1867-1874.	1.3	20
144	Whole Fruit Phytochemicals Combating Skin Damage and Carcinogenesis. Translational Oncology, 2020, 13, 146-156.	1.7	20

#	Article	IF	Citations
145	Chemoprotective Effects of Dietary Grape Powder on UVB Radiation-Mediated Skin Carcinogenesis in SKH-1 Hairless Mice. Journal of Investigative Dermatology, 2019, 139, 552-561.	0.3	19
146	Electrochemical detection of mobile zinc ions for early diagnosis of prostate cancer. Journal of Electroanalytical Chemistry, 2019, 833, 269-274.	1.9	18
147	Low-dose arsenic-mediated metabolic shift is associated with activation of Polo-like kinase 1 (Plk1). Cell Cycle, 2015, 14, 3030-3039.	1.3	17
148	Expression profile of SIRT2 in human melanoma and implications for sirtuin-based chemotherapy. Cell Cycle, 2017, 16, 574-577.	1.3	17
149	RNA interference-mediated knockdown of SIRT1 and/or SIRT2 in melanoma: Identification of downstream targets by large-scale proteomics analysis. Journal of Proteomics, 2018, 170, 99-109.	1.2	17
150	Plk1 phosphorylation of Numb leads to impaired DNA damage response. Oncogene, 2018, 37, 810-820.	2.6	17
151	PLK4 is upregulated in prostate cancer and its inhibition reduces centrosome amplification and causes senescence. Prostate, 2022, 82, 957-969.	1.2	15
152	PLK1 and NOTCH Positively Correlate in Melanoma and Their Combined Inhibition Results in Synergistic Modulations of Key Melanoma Pathways. Molecular Cancer Therapeutics, 2021, 20, 161-172.	1.9	14
153	The sirtuin 6: An overture in skin cancer. Experimental Dermatology, 2020, 29, 124-135.	1.4	13
154	Protective Effects of Dietary Grape on UVB-Mediated Cutaneous Damages and Skin Tumorigenesis in SKH-1 Mice. Cancers, 2020, 12, 1751.	1.7	13
155	Plk1 Phosphorylation of IRS2 Prevents Premature Mitotic Exit via AKT Inactivation. Biochemistry, 2015, 54, 2473-2480.	1.2	12
156	Mitochondrial Sirtuins in Skin and Skin Cancers. Photochemistry and Photobiology, 2020, 96, 973-980.	1.3	12
157	Methaneseleninic acid and Î³-Tocopherol combination inhibits prostate tumor growth <i>in Vivo</i> in a xenograft mouse model. Oncotarget, 2014, 5, 3651-3661.	0.8	12
158	Disposable electrochemical immunosensor for prostate cancer detection. Sensors and Actuators B: Chemical, 2022, 360, 131667.	4.0	12
159	DNA Damage Response-Independent Role for MDC1 in Maintaining Genomic Stability. Molecular and Cellular Biology, 2017, 37, .	1.1	11
160	CRISPR/Cas9â€mediated Knockout of SIRT6 Imparts Remarkable Antiproliferative Response in Human Melanoma Cells <i>in vitro</i> and <i>in vivo</i>. Photochemistry and Photobiology, 2020, 96, 1314-1320.	1.3	11
161	Dietary Phytochemicals in Zinc Homeostasis: A Strategy for Prostate Cancer Management. Nutrients, 2021, 13, 1867.	1.7	11
162	Identification of Molecular Targets of Dietary Grape-Mediated Chemoprevention of Ultraviolet B Skin Carcinogenesis: A Comparative Quantitative Proteomics Analysis. Journal of Proteome Research, 2019, 18, 3741-3751.	1.8	10

#	Article	IF	Citations
163	A randomized, double-blind, dose-ranging, pilot trial of piperine with resveratrol on the effects on serum levels of resveratrol. European Journal of Cancer Prevention, 2021, 30, 285-290.	0.6	10
164	Prevention of Ultravioletâ€B Radiation Damage by Resveratrol in Mouse Skin Is Mediated via Modulation in Survivin^{Â¶}. Photochemistry and Photobiology, 2005, 81, 25-31.	1.3	8
165	Antioxidants Meet Molecular Targets for Cancer Prevention and Therapeutics. Antioxidants and Redox Signaling, 2013, 19, 85-88.	2.5	8
166	Genetic Manipulation of Sirtuin 3 Causes Alterations of Key Metabolic Regulators in Melanoma. Frontiers in Oncology, 2021, 11, 676077.	1.3	8
167	Ultravioletâ€B Radiation Causes an Upregulation of Survivin in Human Keratinocytes and Mouse Skin^{Â¶}. Photochemistry and Photobiology, 2004, 80, 602-608.	1.3	7
168	Histone Deacetylase Inhibitory Approaches for the Management of Osteoarthritis. American Journal of Pathology, 2016, 186, 2555-2558.	1.9	6
169	Combined Inhibition of Specific Sirtuins as a Potential Strategy to Inhibit Melanoma Growth. Frontiers in Oncology, 2020, 10, 591972.	1.3	6
170	Protection against malignant conversion in SENCAR mouse skin by allTrans retinoic acid: Inhibition of theras p21-processing enzyme farnesyltransferase and Ha-ras p21 membrane localization. , 1996, 17, 13-22.		5
171	Antimelanoma Effects of Concomitant Inhibition of SIRT1 and SIRT3 in Braf/Pten Mice. Journal of Investigative Dermatology, 2022, 142, 1145-1157.e7.	0.3	5
172	Grape Chemopreventive Agents Against Angiogenesis and Metastasis. , 2020, , 375-400.		4
173	Resveratrol and Cancer Cell Biology. , 2018, , 183-207.		3
174	Ultraviolet-B Radiation Causes an Upregulation of Survivin in Human Keratinocytes and Mouse SkinÂ¶. Photochemistry and Photobiology, 2004, 80, 602.	1.3	3
175	EPAC Regulates Melanoma Growth by Stimulating mTORC1 Signaling and Loss of EPAC Signaling Dependence Correlates with Melanoma Progression. Molecular Cancer Research, 2022, 20, 1548-1560.	1.5	3
176	Abstract 235: Combination of the probioticLactobacillus rhamnosus GGwith grape antioxidant resveratrol for the management of colorectal cancer. , 2014, , .		2
177	Abstract 2801: Resveratrol-Quercetin combination significantly inhibits prostate cancer in TRAMP mice. Cancer Research, 2015, 75, 2801-2801.	0.4	2
178	Abstract 539: Pro-proliferative function of the histone deacetylase SIRT3 in prostate cancer. , 2018, , .		2
179	BRAF Inhibitors in Melanoma Management: When Friends Become Foes. Journal of Investigative Dermatology, 2022, 142, 1256-1259.	0.3	2
180	Naturally occurring organic osmolytes: From cell physiology to disease prevention. IUBMB Life, 2010, 62, spcone-spcone.	1.5	1

#	Article	IF	Citations
181	Abstract 1920: Small molecule inhibitor of polo-like kinase 1 (Plk1) causes significant melanoma growth delay and regressionin vivo. , 2012, , .		1
182	Abstract 3516: The mitochondrial sirtuin SIRT3 promotes survival of human melanoma cellsin vitro. , 2014, , .		1
183	Abstract 5263: Chemopreventive effects of dietary grapes on skin cancer. , 2017, , .		1
184	Abstract 1064: Numb, a progenitor cell fate determinant and intrinsic inhibitor of Notch signaling, is cell cycle regulated and required for proper mitotic entry and progression in melanoma cells. , 2010, , .		1
185	Abstract 1647: Role of Sirt1 histone deacetylase in melanoma: A target for melanoma management via its inhibition. , 2011, , .		1
186	Abstract 3729: Resveratrol enhances the anti-proliferative response of zinc by increasing zinc-transporter protein ZIP1 in prostate cancer cells: A novel combinatorial approach for prostate cancer management. Cancer Research, 2012, 72, 3729-3729.	0.4	1
187	Abstract 4643: Effect of resveratrol-zinc combination on prostate tumor growth in transgenic adenocarcinoma of mouse prostate (TRAMP) model. Cancer Research, 2015, 75, 4643-4643.	0.4	1
188	Abstract 546: The nuclear sirtuin SIRT6 promotes epithelial-mesenchymal transition in human melanoma cells. Cancer Research, 2018, 78, 546-546.	0.4	1
189	Introduction to the Special Issue Honoring Professor Hasan Mukhtar. Photochemistry and Photobiology, 2008, 84, 259-260.	1.3	0
190	Introduction to the Special Issue Honoring Professor David R. Bickers. Photochemistry and Photobiology, 2012, 88, 1035-1036.	1.3	0
191	Introduction. Photochemistry and Photobiology, 2015, 91, 139-139.	1.3	0
192	635 SIRT3 manipulation affects tumor growth in vivo in NU/NU immunodeficient mice. Journal of Investigative Dermatology, 2016, 136, S112.	0.3	0
193	631 Potential pro-proliferative function of polo-like kinase 4 in human melanoma. Journal of Investigative Dermatology, 2016, 136, S112.	0.3	0
194	755 Chemoprevention of ultraviolet-B radiation mediated skin carcinogenesis by dietary grape powder in SKH-1 hairless mice. Journal of Investigative Dermatology, 2017, 137, S130.	0.3	0
195	Introduction. Photochemistry and Photobiology, 2017, 93, 911-911.	1.3	0
196	LB995 Polo-like kinase 1 inhibition suppresses epithelial mesenchymal transition in melanoma. Journal of Investigative Dermatology, 2017, 137, B11.	0.3	0
197	126 Potential pro-proliferative role of polo-like kinase 4 in cutaneous T-cell lymphoma. Journal of Investigative Dermatology, 2017, 137, S21.	0.3	0
198	Abstract 1169: A potential tumor suppressive role of polo-like kinase 5 in specific neoplasms. , 2021, , .		0

#	Article	IF	Citations
199	Abstract 2157: Potential correlations between PLK1, BRAF and MITF in melanoma. , 2021, , .		0
200	Abstract 873: Identification of key immune-related genes in the pathogenesis of metastatic melanoma via bioinformatic approaches. , 2021, , .		0
201	Resveratrol as a Radio-Protective Agent. Oxidative Stress and Disease, 2005, , 423-438.	0.3	0
202	Abstract 1062: Numb, an intrinsic Notch inhibitor, possesses a tumor suppressor role through regulation of Plk1 localization during mitosis. , 2010, , .		0
203	Abstract 4552: Naturally occurring osmolyte, trehalose induces a functionally active conformation in an intrinsically disordered transactivation function domain (AF1) of the Glucocorticoid Receptor. , 2011, , .		0
204	Abstract 4722: Targeted inhibition of SIRT1 histone deacetylase by small-molecule inhibitor Tenovin-1 imparts significant anti-proliferative effects in human melanoma cells. , 2012, , .		0
205	Abstract 3693: Methaneseleninic acid and Î³-tocopherol combination inhibits prostate tumor growth in a xenograft model .. , 2013, , .		0
206	Abstract LB-209: SIRT3, a mitochondrial sirtuin deacetylase, promotes survival of human melanoma cells.. , 2013, , .		0
207	Abstract 4533: Mechanism of anti-proliferative effects of sanguinarine in pancreatic cancer cells: A label-free quantitative proteomics approach. , 2014, , .		0
208	Abstract 4543: Identification of downstream targets of polo-like kinase 1 in melanoma by large-scale label-free comparative proteomics profiling. , 2014, , .		0
209	Abstract 1127: Small molecule SIRT3 inhibitor 4â€²-bromo-resveratrol inhibits proliferation, promotes apoptosis and causes metabolic reprograming of human melanoma cells. , 2015, , .		0
210	Abstract LB-228: Polo-like kinase 4: A potential new target for the management of prostate cancer. , 2016, , .		0
211	Abstract 3667: Potential role of DUSP4 as a tumor suppressor in pancreatic cancer. , 2016, , .		0
212	Abstract LB-102: A pro-proliferative function of centriole duplication regulator, polo-like kinase-4 in human melanoma. , 2016, , .		0
213	Abstract 1143: Pro-proliferative function of SIRT3 in a human melanoma xenograft mouse model. , 2016, , .		0
214	Abstract 4139: Role of zinc transporters in prostate cancer and a potential association with racial disparity. , 2017, , .		0
215	Abstract 820: Potential pro-proliferative role of SIRT6 in melanoma. , 2017, , .		0
216	Abstract 5415: Targeted depletion of polo-like kinase 1 alters metabolic regulation in melanoma. , 2017, , .		0

#	Article	IF	Citations
217	Abstract 2016: Potential role of polo-like kinase 1 in epithelial-mesenchymal transition in melanoma. , 2018, , .		0
218	Abstract 3548: EPAC-RAP1, the alternative cyclic AMP signaling pathway, regulates cell cycle progression in primary melanoma cells. , 2018, , .		0
219	Abstract 547: The potential role of polo-like kinase 4 in non-melanoma skin cancers. , 2018, , .		0
220	Abstract 5830: Combination of volasertib (BI6727) and abemaciclib (LY2835219) for melanoma management: Concomitant targeting of multiple cell cycle phases. , 2018, , .		0
221	Abstract 1260: Mechanism of skin cancer chemoprevention by dietary grape: A global proteomics approach. , 2018, , .		0
222	Abstract 548: The effects of Sirtuin 6 inhibition on autophagy-related pathways in melanoma. , 2018, , .		0
223	Abstract 2530: An analysis of correlative interactions between Plk1, Notch1 and FoxM1 in melanoma. , 2018, , .		0
224	Abstract 427: Inhibition of Myocardial Romk Channels Blocks Ischemic Preconditioning Induced Cardio-protection. Circulation Research, 2018, 123, .	2.0	0
225	Abstract 302: The combined inhibition of Plk1 and Notch1 results in a synergistic anti-proliferative response in human melanoma cells. , 2019, , .		0
226	Abstract 1251: Potential tumor suppressor function of polo-like kinase 5 in ovarian cancers. , 2019, , .		0
227	Abstract 5085: Molecular analysis of chemopreventive effects of grape antioxidants resveratrol and quercetin in transgenic adenocarcinoma of the mouse prostate. , 2019, , .		0
228	Abstract 1875: Polo-like kinase 1 positively correlates with N-cadherin and promotes epithelial-mesenchymal transition in melanoma. , 2019, , .		0
229	Abstract 4052: Effects of CRISPR/Cas9-mediated knockout of SIRT6 in human melanoma cells,in vitroandin vivo. , 2020, , .		0
230	Abstract 2918: Concomitant inhibition of SIRT1 and SIRT3 reduces melanoma growth and metastasis in BRAFV600E/PTENNULLtransgenic mice. , 2020, , .		0
231	Abstract 222: RNA-seq analysis of differential gene expression in melanoma cells after combined inhibition of Plk1 and Notch. , 2020, , .		0
232	Abstract 302: The combined inhibition of Plk1 and Notch1 results in a synergistic anti-proliferative response in human melanoma cells. , 2019, , .		0
233	Abstract 1251: Potential tumor suppressor function of polo-like kinase 5 in ovarian cancers. , 2019, , .		0
234	Abstract 1875: Polo-like kinase 1 positively correlates with N-cadherin and promotes epithelial-mesenchymal transition in melanoma. , 2019, , .		0

#	Article	IF	Citations
235	Abstract 5085: Molecular analysis of chemopreventive effects of grape antioxidants resveratrol and quercetin in transgenic adenocarcinoma of the mouse prostate. , 2019, , .		0