

Farrukh Afaq

List of Publications by Year in descending order

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58
papers

7,614
citations

44069

48
h-index

138484

58
g-index

58
all docs

58
docs citations

58
times ranked

7859
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer Chemoprevention Through Dietary Antioxidants: Progress and Promise. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 475-510.	5.4	525
2	Anthocyanin- and hydrolyzable tannin-rich pomegranate fruit extract modulates MAPK and NF- κ B pathways and inhibits skin tumorigenesis in CD-1 mice. <i>International Journal of Cancer</i> , 2005, 113, 423-433.	5.1	405
3	Green tea polyphenol (-)-epigallocatechin-3-gallate treatment of human skin inhibits ultraviolet radiation-induced oxidative stress. <i>Carcinogenesis</i> , 2001, 22, 287-294.	2.8	375
4	Pomegranate fruit juice for chemoprevention and chemotherapy of prostate cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14813-14818.	7.1	363
5	Photochemoprevention of ultraviolet B signaling and photocarcinogenesis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 571, 153-173.	1.0	261
6	Inhibition of UVB-Induced Oxidative Stress-Mediated Phosphorylation of Mitogen-Activated Protein Kinase Signaling Pathways in Cultured Human Epidermal Keratinocytes by Green Tea Polyphenol ($\hat{\alpha}$)-Epigallocatechin-3-gallate. <i>Toxicology and Applied Pharmacology</i> , 2001, 176, 110-117.	2.8	249
7	Botanical antioxidants in the prevention of photocarcinogenesis and photoaging. <i>Experimental Dermatology</i> , 2006, 15, 678-684.	2.9	248
8	Prevention of short-term ultraviolet B radiation-mediated damages by resveratrol in SKH-1 hairless mice. 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. <i>Toxicology and Applied Pharmacology</i> , 2003, 186, 28-37.	2.8	246
9	Inhibition of ultraviolet B-mediated activation of nuclear factor $\hat{\kappa}$ B in normal human epidermal keratinocytes by green tea Constituent (-)-epigallocatechin-3-gallate. <i>Oncogene</i> , 2003, 22, 1035-1044.	5.9	236
10	A plant flavonoid fisetin induces apoptosis in colon cancer cells by inhibition of COX2 and Wnt/EGFR/NF- $\hat{\kappa}$ B-signaling pathways. <i>Carcinogenesis</i> , 2008, 30, 300-307.	2.8	219
11	Fisetin, a novel dietary flavonoid, causes apoptosis and cell cycle arrest in human prostate cancer LNCaP cells. <i>Carcinogenesis</i> , 2008, 29, 1049-1056.	2.8	208
12	Delphinidin, an Anthocyanidin in Pigmented Fruits and Vegetables, Protects Human HaCaT Keratinocytes and Mouse Skin Against UVB-Mediated Oxidative Stress and Apoptosis. <i>Journal of Investigative Dermatology</i> , 2007, 127, 222-232.	0.7	203
13	Suppression of Ultraviolet B Exposure-Mediated Activation of NF- $\hat{\kappa}$ B in Normal Human Keratinocytes by Resveratrol. <i>Neoplasia</i> , 2003, 5, 74-82.	5.3	180
14	Lifestyle as risk factor for cancer: Evidence from human studies. <i>Cancer Letters</i> , 2010, 293, 133-143.	7.2	175
15	Fisetin induces autophagic cell death through suppression of mTOR signaling pathway in prostate cancer cells. <i>Carcinogenesis</i> , 2010, 31, 1424-1433.	2.8	166
16	Protective effect of pomegranate-derived products on UVB-mediated damage in human reconstituted skin. <i>Experimental Dermatology</i> , 2009, 18, 553-561.	2.9	165
17	Oral Consumption of Pomegranate Fruit Extract Inhibits Growth and Progression of Primary Lung Tumors in Mice. <i>Cancer Research</i> , 2007, 67, 3475-3482.	0.9	164
18	A Novel Dietary Flavonoid Fisetin Inhibits Androgen Receptor Signaling and Tumor Growth in Athymic Nude Mice. <i>Cancer Research</i> , 2008, 68, 8555-8563.	0.9	156

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19	Pomegranate Fruit Extract Modulates UV-B-mediated Phosphorylation of Mitogen-activated Protein Kinases and Activation of Nuclear Factor Kappa B in Normal Human Epidermal Keratinocytes. <i>Photochemistry and Photobiology</i> , 2005, 81, 38.	2.5	150
20	Pomegranate for Prevention and Treatment of Cancer: An Update. <i>Molecules</i> , 2017, 22, 177.	3.8	147
21	Dual inhibition of phosphatidylinositol 3-kinase/Akt and mammalian target of rapamycin signaling in human nonsmall cell lung cancer cells by a dietary flavonoid fisetin. <i>International Journal of Cancer</i> , 2012, 130, 1695-1705.	5.1	144
22	Modulations of critical cell cycle regulatory events during chemoprevention of ultraviolet B-mediated responses by resveratrol in SKH-1 hairless mouse skin. <i>Oncogene</i> , 2004, 23, 5151-5160.	5.9	143
23	Pomegranate fruit extract inhibits prosurvival pathways in human A549 lung carcinoma cells and tumor growth in athymic nude mice. <i>Carcinogenesis</i> , 2007, 28, 163-173.	2.8	142
24	Inhibition of Human Melanoma Cell Growth by the Dietary Flavonoid Fisetin Is Associated with Disruption of Wnt/ β -Catenin Signaling and Decreased Mitf Levels. <i>Journal of Investigative Dermatology</i> , 2011, 131, 1291-1299.	0.7	140
25	Delphinidin, an anthocyanidin in pigmented fruits and vegetables, induces apoptosis and cell cycle arrest in human colon cancer HCT116 cells. <i>Molecular Carcinogenesis</i> , 2009, 48, 260-270.	2.7	139
26	Suppression of UVB-induced phosphorylation of mitogen-activated protein kinases and nuclear factor kappa B by green tea polyphenol in SKH-1 hairless mice. <i>Oncogene</i> , 2003, 22, 9254-9264.	5.9	133
27	Potential therapeutic targets of epithelial-mesenchymal transition in melanoma. <i>Cancer Letters</i> , 2017, 391, 125-140.	7.2	117
28	Antioxidants of the Beverage Tea in Promotion of Human Health. <i>Antioxidants and Redox Signaling</i> , 2004, 6, 571-582.	5.4	109
29	Natural agents: Cellular and molecular mechanisms of photoprotection. <i>Archives of Biochemistry and Biophysics</i> , 2011, 508, 144-151.	3.0	106
30	Inhibition of UVB-mediated Oxidative Stress and Markers of Photoaging in Immortalized HaCaT Keratinocytes by Pomegranate Polyphenol Extract POMx. <i>Photochemistry and Photobiology</i> , 2007, 83, 882-888.	2.5	104
31	Photochemopreventive Effect of Pomegranate Fruit Extract on UVA-mediated Activation of Cellular Pathways in Normal Human Epidermal Keratinocytes. <i>Photochemistry and Photobiology</i> , 2006, 82, 398.	2.5	92
32	Photochemoprevention by Botanical Antioxidants. <i>Skin Pharmacology and Physiology</i> , 2002, 15, 297-306.	2.5	86
33	Fisetin Inhibits Human Melanoma Cell Invasion through Promotion of Mesenchymal to Epithelial Transition and by Targeting MAPK and NF- κ B Signaling Pathways. <i>PLoS ONE</i> , 2014, 9, e86338.	2.5	84
34	Fisetin inhibits growth, induces G ₂ /M arrest and apoptosis of human epidermoid carcinoma A431 cells: role of mitochondrial membrane potential disruption and consequent caspases activation. <i>Experimental Dermatology</i> , 2013, 22, 470-475.	2.9	81
35	Pomegranate Fruit Extract Inhibits UVB-induced Inflammation and Proliferation by Modulating NF- κ B and MAPK Signaling Pathways in Mouse Skin. <i>Photochemistry and Photobiology</i> , 2012, 88, 1126-1134.	2.5	80
36	Fisetin, a phytochemical, potentiates sorafenib-induced apoptosis and abrogates tumor growth in athymic nude mice implanted with BRAF-mutated melanoma cells. <i>Oncotarget</i> , 2015, 6, 28296-28311.	1.8	75

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37	Aryl Hydrocarbon Receptor Is an Ozone Sensor in Human Skin. <i>Journal of Investigative Dermatology</i> , 2009, 129, 2396-2403.	0.7	73
38	Fisetin and Its Role in Chronic Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2016, 928, 213-244.	1.6	72
39	Differential Activation of Signaling Pathways by UVA and UVB Radiation in Normal Human Epidermal Keratinocytes. <i>Photochemistry and Photobiology</i> , 2012, 88, 1184-1190.	2.5	68
40	Fisetin Inhibits UVB-Induced Cutaneous Inflammation and Activation of PI3K/AKT/NF- κ B Signaling Pathways in SKH-1 Hairless Mice. <i>Photochemistry and Photobiology</i> , 2015, 91, 225-234.	2.5	68
41	Targeting drivers of melanoma with synthetic small molecules and phytochemicals. <i>Cancer Letters</i> , 2015, 359, 20-35.	7.2	67
42	Phytochemicals for Prevention of Solar Ultraviolet Radiation-Induced Damages. <i>Photochemistry and Photobiology</i> , 2008, 84, 489-500.	2.5	64
43	Oral Feeding of Pomegranate Fruit Extract Inhibits Early Biomarkers of UVB Radiation-Induced Carcinogenesis in SKH-1 Hairless Mouse Epidermis. <i>Photochemistry and Photobiology</i> , 2010, 86, 1318-1326.	2.5	64
44	Fisetin, a dietary flavonoid, augments the anti-invasive and anti-metastatic potential of sorafenib in melanoma. <i>Oncotarget</i> , 2016, 7, 1227-1241.	1.8	63
45	Phytochemicals for the Management of Melanoma. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 953-979.	2.4	62
46	Pomegranate fruit extract modulates UVB-mediated phosphorylation of mitogen activated protein kinases and activation of nuclear factor kappa B in normal human epidermal keratinocytes. <i>Photochemistry and Photobiology</i> , 2004, 81, 38-45.	2.5	57
47	Tea polyphenols for the prevention of UVB-induced skin cancer. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2018, 34, 50-59.	1.5	54
48	Inhibition of epidermal growth factor receptor signaling pathway by delphinidin, an anthocyanidin in pigmented fruits and vegetables. <i>International Journal of Cancer</i> , 2008, 123, 1508-1515.	5.1	52
49	Inhibition of 12-O-tetradecanoylphorbol-13-acetate-induced tumor promotion markers in CD-1 mouse skin by oleandrin. <i>Toxicology and Applied Pharmacology</i> , 2004, 195, 361-369.	2.8	50
50	Phytochemicals for the Prevention of Photocarcinogenesis. <i>Photochemistry and Photobiology</i> , 2017, 93, 956-974.	2.5	43
51	Erb-041, an Estrogen Receptor- β Agonist, Inhibits Skin Photocarcinogenesis in SKH-1 Hairless Mice by Downregulating the WNT Signaling Pathway. <i>Cancer Prevention Research</i> , 2014, 7, 186-198.	1.5	36
52	Molecular Mechanism Underlying Pathogenesis of Lewisite-Induced Cutaneous Blistering and Inflammation. <i>American Journal of Pathology</i> , 2016, 186, 2637-2649.	3.8	32
53	ATF4 regulates arsenic trioxide-mediated NADPH oxidase, ER-mitochondrial crosstalk and apoptosis. <i>Archives of Biochemistry and Biophysics</i> , 2016, 609, 39-50.	3.0	26
54	Defining cutaneous molecular pathobiology of arsenicals using phenylarsine oxide as a prototype. <i>Scientific Reports</i> , 2016, 6, 34865.	3.3	21

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55	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.	2.5	8
56	Keratin-6 driven ODC expression to hair follicle keratinocytes enhances stemness and tumorigenesis by negatively regulating Notch. Biochemical and Biophysical Research Communications, 2014, 451, 394-401.	2.1	8
57	Pomegranate Fruit Extract Modulates UVâ€Bâ€“mediated Phosphorylation of Mitogenâ€activated Protein Kinases and Activation of Nuclear Factor Kappa B in Normal Human Epidermal Keratinocytes^{Â¶}. Photochemistry and Photobiology, 2005, 81, 38-45.	2.5	6
58	Autocrine/paracrine actions of growth hormone in human melanoma cell lines. Biochemistry and Biophysics Reports, 2020, 21, 100716.	1.3	4