

# Rana P Singh

## List of Publications by Year in descending order

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148  
papers

9,565  
citations

20797

60  
h-index

43868

91  
g-index

152  
all docs

152  
docs citations

152  
times ranked

9560  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hazardous effects of chemical pesticides on human health—Cancer and other associated disorders. <i>Environmental Toxicology and Pharmacology</i> , 2018, 63, 103-114.	2.0	372
2	Silibinin upregulates the expression of cyclin-dependent kinase inhibitors and causes cell cycle arrest and apoptosis in human colon carcinoma HT-29 cells. <i>Oncogene</i> , 2003, 22, 8271-8282.	2.6	216
3	Anticancer potential of silymarin: from bench to bed side. <i>Anticancer Research</i> , 2006, 26, 4457-98.	0.5	210
4	Silibinin strongly synergizes human prostate carcinoma DU145 cells to doxorubicin-induced growth inhibition, G2-M arrest, and apoptosis. <i>Clinical Cancer Research</i> , 2002, 8, 3512-9.	3.2	192
5	Grape seed extract inhibits advanced human prostate tumor growth and angiogenesis and upregulates insulin-like growth factor binding protein-3. <i>International Journal of Cancer</i> , 2004, 108, 733-740.	2.3	172
6	Fractionation of grape seed extract and identification of gallic acid as one of the major active constituents causing growth inhibition and apoptotic death of DU145 human prostate carcinoma cells. <i>Carcinogenesis</i> , 2006, 27, 1445-1453.	1.3	156
7	Grape Seed Extract Inhibits In vitro and In vivo Growth of Human Colorectal Carcinoma Cells. <i>Clinical Cancer Research</i> , 2006, 12, 6194-6202.	3.2	155
8	Effect of Silibinin on the Growth and Progression of Primary Lung Tumors in Mice. <i>Journal of the National Cancer Institute</i> , 2006, 98, 846-855.	3.0	150
9	Silibinin Inhibits Colorectal Cancer Growth by Inhibiting Tumor Cell Proliferation and Angiogenesis. <i>Cancer Research</i> , 2008, 68, 2043-2050.	0.4	147
10	Silibinin Inhibits Established Prostate Tumor Growth, Progression, Invasion, and Metastasis and Suppresses Tumor Angiogenesis and Epithelial-Mesenchymal Transition in Transgenic Adenocarcinoma of the Mouse Prostate Model Mice. <i>Clinical Cancer Research</i> , 2008, 14, 7773-7780.	3.2	146
11	Phytochemicals as Cell Cycle Modulators A Less Toxic Approach in Halting Human Cancers. <i>Cell Cycle</i> , 2002, 1, 155-160.	1.3	145
12	Tumor angiogenesis — A potential target in cancer chemoprevention. <i>Food and Chemical Toxicology</i> , 2008, 46, 1334-1345.	1.8	144
13	Dietary feeding of silibinin inhibits advanced human prostate carcinoma growth in athymic nude mice and increases plasma insulin-like growth factor-binding protein-3 levels. <i>Cancer Research</i> , 2002, 62, 3063-9.	0.4	144
14	Grape seed extract induces apoptotic death of human prostate carcinoma DU145 cells via caspases activation accompanied by dissipation of mitochondrial membrane potential and cytochrome c release. <i>Carcinogenesis</i> , 2002, 23, 1869-1876.	1.3	142
15	Silibinin strongly inhibits growth and survival of human endothelial cells via cell cycle arrest and downregulation of survivin, Akt and NF- $\kappa$ B: implications for angioprevention and antiangiogenic therapy. <i>Oncogene</i> , 2005, 24, 1188-1202.	2.6	140
16	Resveratrol causes Cdc2-tyr15 phosphorylation via ATM/ATR—Chk1/2—Cdc25C pathway as a central mechanism for S phase arrest in human ovarian carcinoma Ovar-3 cells. <i>Carcinogenesis</i> , 2005, 26, 1978-1987.	1.3	139
17	Silibinin Inhibits Inflammatory and Angiogenic Attributes in Photocarcinogenesis in SKH-1 Hairless Mice. <i>Cancer Research</i> , 2007, 67, 3483-3491.	0.4	139
18	Silibinin Protects against Photocarcinogenesis via Modulation of Cell Cycle Regulators, Mitogen-Activated Protein Kinases, and Akt Signaling. <i>Cancer Research</i> , 2004, 64, 6349-6356.	0.4	137

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19	Mechanisms and preclinical efficacy of silibinin in preventing skin cancer. <i>European Journal of Cancer</i> , 2005, 41, 1969-1979.	1.3	131
20	Silymarin inhibits growth and causes regression of established skin tumors in SENCAR mice via modulation of mitogen-activated protein kinases and induction of apoptosis. <i>Carcinogenesis</i> , 2002, 23, 499-510.	1.3	129
21	Flavonoid Antioxidant Silymarin and Skin Cancer. <i>Antioxidants and Redox Signaling</i> , 2002, 4, 655-663.	2.5	126
22	Prostate cancer chemoprevention by silibinin: Bench to bedside. <i>Molecular Carcinogenesis</i> , 2006, 45, 436-442.	1.3	126
23	Synergistic Anti-Cancer Effects of Grape Seed Extract and Conventional Cytotoxic Agent Doxorubicin Against Human Breast Carcinoma Cells. <i>Breast Cancer Research and Treatment</i> , 2004, 85, 1-12.	1.1	123
24	Silibinin Efficacy against Human Hepatocellular Carcinoma. <i>Clinical Cancer Research</i> , 2005, 11, 8441-8448.	3.2	123
25	Mechanisms of action of novel agents for prostate cancer chemoprevention. <i>Endocrine-Related Cancer</i> , 2006, 13, 751-778.	1.6	121
26	Prostate Cancer Prevention by Silibinin. <i>Current Cancer Drug Targets</i> , 2004, 4, 1-11.	0.8	119
27	Acacetin inhibits cell growth and cell cycle progression, and induces apoptosis in human prostate cancer cells: structure-activity relationship with linarin and linarin acetate. <i>Carcinogenesis</i> , 2005, 26, 845-854.	1.3	118
28	Oral Silibinin Inhibits Lung Tumor Growth in Athymic Nude Mice and Forms a Novel Chemocombination with Doxorubicin Targeting Nuclear Factor $\kappa$ B-Mediated Inducible Chemoresistance. <i>Clinical Cancer Research</i> , 2004, 10, 8641-8647.	3.2	116
29	Growth Inhibition and Regression of Lung Tumors by Silibinin: Modulation of Angiogenesis by Macrophage-Associated Cytokines and Nuclear Factor- $\kappa$ B and Signal Transducers and Activators of Transcription 3. <i>Cancer Prevention Research</i> , 2009, 2, 74-83.	0.7	105
30	Cap2-HAP Complex Is a Critical Transcriptional Regulator That Has Dual but Contrasting Roles in Regulation of Iron Homeostasis in <i>Candida albicans</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 25154-25170.	1.6	104
31	A novel anticancer agent, decursin, induces G1 arrest and apoptosis in human prostate carcinoma cells. <i>Cancer Research</i> , 2005, 65, 1035-44.	0.4	99
32	Silibinin Suppresses Growth of Human Colorectal Carcinoma SW480 Cells in Culture and Xenograft through Down-regulation of $\beta$ -Catenin-Dependent Signaling. <i>Neoplasia</i> , 2010, 12, 415-424.	2.3	98
33	Stage-Specific Inhibitory Effects and Associated Mechanisms of Silibinin on Tumor Progression and Metastasis in Transgenic Adenocarcinoma of the Mouse Prostate Model. <i>Cancer Research</i> , 2008, 68, 6822-6830.	0.4	96
34	Oral Grape Seed Extract Inhibits Prostate Tumor Growth and Progression in TRAMP Mice. <i>Cancer Research</i> , 2007, 67, 5976-5982.	0.4	94
35	Silibinin Suppresses Growth of Human Prostate Carcinoma PC-3 Orthotopic Xenograft via Activation of Extracellular Signal-Regulated Kinase 1/2 and Inhibition of Signal Transducers and Activators of Transcription Signaling. <i>Clinical Cancer Research</i> , 2009, 15, 613-621.	3.2	93
36	Natural Flavonoids Targeting Deregulated Cell Cycle Progression in Cancer Cells. <i>Current Drug Targets</i> , 2006, 7, 345-354.	1.0	92

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37	Inositol hexaphosphate inhibits growth, and induces G1 arrest and apoptotic death of prostate carcinoma DU145 cells: modulation of CDKI-CDK-cyclin and pRb-related protein-E2F complexes. <i>Carcinogenesis</i> , 2003, 24, 555-563.	1.3	89
38	Oral Silibinin Inhibits <i>In vivo</i> Human Bladder Tumor Xenograft Growth Involving Down-Regulation of Survivin. <i>Clinical Cancer Research</i> , 2008, 14, 300-308.	3.2	88
39	Silibinin prevents ultraviolet radiation-caused skin damages in SKH-1 hairless mice via a decrease in thymine dimer positive cells and an up-regulation of p53-p21/Cip1 in epidermis. <i>Carcinogenesis</i> , 2004, 25, 1459-1465.	1.3	85
40	Hypoxia induces triglycerides accumulation in prostate cancer cells and extracellular vesicles supporting growth and invasiveness following reoxygenation. <i>Oncotarget</i> , 2015, 6, 22836-22856.	0.8	85
41	Chemoprevention of Intestinal Tumorigenesis in APC <sup>min/+</sup> Mice by Silibinin. <i>Cancer Research</i> , 2010, 70, 2368-2378.	0.4	84
42	Usnic Acid Inhibits Growth and Induces Cell Cycle Arrest and Apoptosis in Human Lung Carcinoma A549 Cells. <i>Nutrition and Cancer</i> , 2013, 65, 36-43.	0.9	82
43	Silibinin inhibits human nonsmall cell lung cancer cell growth through cell cycle arrest by modulating expression and function of key cell cycle regulators. <i>Molecular Carcinogenesis</i> , 2010, 49, 247-258.	1.3	81
44	Silibinin induces growth inhibition and apoptotic cell death in human lung carcinoma cells. <i>Anticancer Research</i> , 2003, 23, 2649-55.	0.5	81
45	Fisetin inhibits various attributes of angiogenesis in vitro and in vivo—implications for angioprevention. <i>Carcinogenesis</i> , 2012, 33, 385-393.	1.3	80
46	Effects of phytochemicals on ionization radiation-mediated carcinogenesis and cancer therapy. <i>Mutation Research - Reviews in Mutation Research</i> , 2011, 728, 139-157.	2.4	75
47	Sodium butyrate induces DRP1-mediated mitochondrial fusion and apoptosis in human colorectal cancer cells. <i>Mitochondrion</i> , 2014, 16, 55-64.	1.6	74
48	Silibinin activates p53-caspase 2 pathway and causes caspase-mediated cleavage of Cip1/p21 in apoptosis induction in bladder transitional-cell papilloma RT4 cells: evidence for a regulatory loop between p53 and caspase 2. <i>Carcinogenesis</i> , 2006, 27, 2269-2280.	1.3	73
49	In Vivo Suppression of Hormone-Refractory Prostate Cancer Growth by Inositol Hexaphosphate. <i>Clinical Cancer Research</i> , 2004, 10, 244-250.	3.2	71
50	Dietary Feeding of Silibinin Inhibits Prostate Tumor Growth and Progression in Transgenic Adenocarcinoma of the Mouse Prostate Model. <i>Cancer Research</i> , 2007, 67, 11083-11091.	0.4	71
51	Silibinin suppresses in vivo growth of human prostate carcinoma PC-3 tumor xenograft. <i>Carcinogenesis</i> , 2007, 28, 2567-2574.	1.3	68
52	Tumor Angiogenesis: A Potential Target In Cancer Control by Phytochemicals. <i>Current Cancer Drug Targets</i> , 2003, 3, 205-217.	0.8	66
53	A cancer chemopreventive agent silibinin, targets mitogenic and survival signaling in prostate cancer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 555, 21-32.	0.4	65
54	Silibinin inhibits ultraviolet B radiation-induced mitogenic and survival signaling, and associated biological responses in SKH-1 mouse skin. <i>Carcinogenesis</i> , 2005, 26, 1404-1413.	1.3	64

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55	Silibinin inhibits cytokine-induced signaling cascades and down-regulates inducible nitric oxide synthase in human lung carcinoma A549 cells. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 1817-1826.	1.9	64
56	Silver Nanoparticles Synthesized Using <i>Carica papaya</i> Leaf Extract (AgNPs-PLE) Causes Cell Cycle Arrest and Apoptosis in Human Prostate (DU145) Cancer Cells. <i>Biological Trace Element Research</i> , 2021, 199, 1316-1331.	1.9	64
57	Î²-sitosterol induces G1 arrest and causes depolarization of mitochondrial membrane potential in breast carcinoma MDA-MB-231 cells. <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 280.	3.7	63
58	Acacetin Inhibits <i>In Vitro</i> and <i>In Vivo</i> Angiogenesis and Downregulates Stat Signaling and VEGF Expression. <i>Cancer Prevention Research</i> , 2013, 6, 1128-1139.	0.7	63
59	Cosmeceuticals and silibinin. <i>Clinics in Dermatology</i> , 2009, 27, 479-484.	0.8	62
60	Dietary feeding of grape seed extract prevents azoxymethane-induced colonic aberrant crypt foci formation in fischer 344 rats. <i>Molecular Carcinogenesis</i> , 2010, 49, 641-652.	1.3	62
61	Berberine in combination with doxorubicin suppresses growth of murine melanoma B16F10 cells in culture and xenograft. <i>Phytomedicine</i> , 2014, 21, 340-347.	2.3	62
62	Fisetin inhibits cellular proliferation and induces mitochondria-dependent apoptosis in human gastric cancer cells. <i>Molecular Carcinogenesis</i> , 2017, 56, 499-514.	1.3	62
63	Dual efficacy of silibinin in protecting or enhancing ultraviolet B radiation-caused apoptosis in HaCaT human immortalized keratinocytes. <i>Carcinogenesis</i> , 2003, 25, 99-106.	1.3	61
64	Silibinin Up-regulates DNA-Protein Kinase-dependent p53 Activation to Enhance UVB-induced Apoptosis in Mouse Epithelial JB6 Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 20375-20383.	1.6	61
65	p21/Cip1 and p27/Kip1 Are Essential Molecular Targets of Inositol Hexaphosphate for Its Antitumor Efficacy against Prostate Cancer. <i>Cancer Research</i> , 2009, 69, 1166-1173.	0.4	61
66	Impairment of erbB1 receptor and fluid-phase endocytosis and associated mitogenic signaling by inositol hexaphosphate in human prostate carcinoma DU145 cells. <i>Carcinogenesis</i> , 2000, 21, 2225-2235.	1.3	60
67	Dietary Feeding of Silibinin Prevents Early Biomarkers of UVB Radiation-Induced Carcinogenesis in SKH-1 Hairless Mouse Epidermis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005, 14, 1344-1349.	1.1	60
68	Therapeutic application of <i>Carica papaya</i> leaf extract in the management of human diseases. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 735-744.	0.9	60
69	Inositol Hexaphosphate Inhibits Growth and Induces G1 Arrest and Apoptotic Death of Androgen-Dependent Human Prostate Carcinoma LNCaP Cells. <i>Neoplasia</i> , 2004, 6, 646-659.	2.3	59
70	Chemopreventive effects of silymarin and silibinin on <i>N</i> -butyl- <i>N</i> -(4-hydroxybutyl) nitrosamine-induced urinary bladder carcinogenesis in male ICR mice. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 3248-3255.	1.9	58
71	Silibinin modulates TNF and IFN mediated signaling to regulate COX2 and iNOS expression in tumorigenic mouse lung epithelial LM2 cells. <i>Molecular Carcinogenesis</i> , 2012, 51, 832-842.	1.3	58
72	Modulatory influence of <i>Andrographis paniculata</i> on mouse hepatic and extrahepatic carcinogen metabolizing enzymes and antioxidant status. <i>Phytotherapy Research</i> , 2001, 15, 382-390.	2.8	57

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73	Silibinin down-regulates survivin protein and mRNA expression and causes caspases activation and apoptosis in human bladder transitional-cell papilloma RT4 cells. <i>Biochemical and Biophysical Research Communications</i> , 2003, 312, 1178-1184.	1.0	57
74	Inhibitory Effect of Silibinin against Azoxymethane-Induced Colon Tumorigenesis in A/J Mice. <i>Clinical Cancer Research</i> , 2010, 16, 4595-4606.	3.2	56
75	Acacetin enhances the therapeutic efficacy of doxorubicin in non-small-cell lung carcinoma cells. <i>PLoS ONE</i> , 2017, 12, e0182870.	1.1	55
76	Dietary Feeding of Grape Seed Extract Prevents Intestinal Tumorigenesis in APC <sup>min/+</sup> Mice. <i>Neoplasia</i> , 2010, 12, 95-102.	2.3	54
77	Silibinin inhibits aberrant lipid metabolism, proliferation and emergence of androgen-independence in prostate cancer cells via primarily targeting the sterol response element binding protein 1. <i>Oncotarget</i> , 2014, 5, 10017-10033.	0.8	53
78	Silibinin Prevents Lung Tumorigenesis in Wild-Type but not in iNOS <sup>+/+</sup> Mice: Potential of Real-Time Micro-CT in Lung Cancer Chemoprevention Studies. <i>Clinical Cancer Research</i> , 2011, 17, 753-761.	3.2	52
79	Phytochemicals as cell cycle modulators--a less toxic approach in halting human cancers. <i>Cell Cycle</i> , 2002, 1, 156-61.	1.3	51
80	Inhibition of Azoxymethane-Induced Colonic Aberrant Crypt Foci Formation by Silibinin in Male Fisher 344 Rats. <i>Cancer Prevention Research</i> , 2008, 1, 376-384.	0.7	50
81	Skin cancer chemopreventive agent, $\alpha$ -santalol, induces apoptotic death of human epidermoid carcinoma A431 cells via caspase activation together with dissipation of mitochondrial membrane potential and cytochrome c release. <i>Carcinogenesis</i> , 2004, 26, 369-380.	1.3	49
82	A novel alkaloid, evodiamine causes nuclear localization of cytochrome-c and induces apoptosis independent of p53 in human lung cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2016, 477, 1065-1071.	1.0	49
83	Downregulation of both p21/Cip1 and p27/Kip1 produces a more aggressive prostate cancer phenotype. <i>Cell Cycle</i> , 2008, 7, 1828-1835.	1.3	48
84	In vitro and in vivo anticancer efficacy of silibinin against human pancreatic cancer BxPC-3 and PANC-1 cells. <i>Cancer Letters</i> , 2013, 334, 109-117.	3.2	47
85	Chemomodulatory action of Aloe vera on the profiles of enzymes associated with carcinogen metabolism and antioxidant status regulation in mice. <i>Phytomedicine</i> , 2000, 7, 209-219.	2.3	46
86	Anti-tumor activity of oxypeucedanin from <i>Ostericum koreanum</i> against human prostate carcinoma DU145 cells. <i>Acta Oncologica</i> , 2009, 48, 895-900.	0.8	46
87	Suppression of advanced human prostate tumor growth in athymic mice by silibinin feeding is associated with reduced cell proliferation, increased apoptosis, and inhibition of angiogenesis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2003, 12, 933-9.	1.1	46
88	Silibinin attenuates ionizing radiation-induced pro-angiogenic response and EMT in prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 456, 262-268.	1.0	45
89	Silibinin modulates UVB-induced apoptosis via mitochondrial proteins, caspases activation, and mitogen-activated protein kinase signaling in human epidermoid carcinoma A431 cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 183-189.	1.0	42
90	Silibinin inhibits UVB- and epidermal growth factor $\alpha$ -induced mitogenic and cell survival signaling involving activator protein-1 and nuclear factor- $\kappa$ B in mouse epidermal JB6 cells. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 1145-1153.	1.9	41

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91	Chemopreventive Efficacy of Inositol Hexaphosphate against Prostate Tumor Growth and Progression in TRAMP Mice. <i>Clinical Cancer Research</i> , 2008, 14, 3177-3184.	3.2	40
92	Silibinin Suppresses Spontaneous Tumorigenesis in APC min/+ Mouse Model by Modulating Beta-Catenin Pathway. <i>Pharmaceutical Research</i> , 2009, 26, 2558-2567.	1.7	38
93	Inhibition of mitochondrial fusion is an early and critical event in breast cancer cell apoptosis by dietary chemopreventative benzyl isothiocyanate. <i>Mitochondrion</i> , 2016, 30, 67-77.	1.6	38
94	Integrin expression and glycosylation patterns regulate cell-matrix adhesion and alter with breast cancer progression. <i>Biochemical and Biophysical Research Communications</i> , 2018, 499, 374-380.	1.0	38
95	Fisetin suppresses migration, invasion and stem-cell-like phenotype of human non-small cell lung carcinoma cells via attenuation of epithelial to mesenchymal transition. <i>Chemico-Biological Interactions</i> , 2019, 303, 14-21.	1.7	37
96	Isosilibinin inhibits advanced human prostate cancer growth in athymic nude mice: Comparison with silymarin and silibinin. <i>International Journal of Cancer</i> , 2008, 123, 2750-2758.	2.3	36
97	Chemoprevention by <i>Hippophae rhamnoides</i> : Effects on Tumorigenesis, Phase II and Antioxidant Enzymes, and IRF-1 Transcription Factor. <i>Nutrition and Cancer</i> , 2005, 51, 59-67.	0.9	35
98	Silibinin Preferentially Radiosensitizes Prostate Cancer by Inhibiting DNA Repair Signaling. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 2722-2734.	1.9	33
99	Grape seed extract upregulates p21 (Cip1) through redox-mediated activation of ERK1/2 and posttranscriptional regulation leading to cell cycle arrest in colon carcinoma HT29 cells. <i>Molecular Carcinogenesis</i> , 2011, 50, 553-562.	1.3	32
100	Mancozeb selectively induces mitochondrial-mediated apoptosis in human gastric carcinoma cells through ROS generation. <i>Mitochondrion</i> , 2019, 48, 1-10.	1.6	32
101	Usnic acid induces apoptosis in human gastric cancer cells through ROS generation and DNA damage and causes up-regulation of DNA-PKcs and $\gamma$ -H2A.X phosphorylation. <i>Chemico-Biological Interactions</i> , 2020, 315, 108898.	1.7	32
102	Zerumbone modulates CD1d expression and lipid antigen presentation pathway in breast cancer cells. <i>Toxicology in Vitro</i> , 2017, 44, 74-84.	1.1	31
103	Polycomb complex mediated epigenetic reprogramming alters TGF $\beta$ signaling via a novel EZH2/miR490/TGIF2 axis thereby inducing migration and EMT potential in glioblastomas. <i>International Journal of Cancer</i> , 2019, 145, 1254-1269.	2.3	31
104	Microgravity Alters Cancer Growth and Progression. <i>Current Cancer Drug Targets</i> , 2014, 14, 394-406.	0.8	30
105	Inducible Nitric Oxide Synthase-Vascular Endothelial Growth Factor Axis: A Potential Target to Inhibit Tumor Angiogenesis by Dietary Agents. <i>Current Cancer Drug Targets</i> , 2007, 7, 475-483.	0.8	29
106	Lupeol induces S-phase arrest and mitochondria-mediated apoptosis in cervical cancer cells. <i>Journal of Biosciences</i> , 2018, 43, 249-261.	0.5	29
107	Epidermal Growth Factor Receptor Mediates Silibinin-Induced Cytotoxicity in a Rat Glioma Cell Line. <i>Cancer Biology and Therapy</i> , 2003, 2, 526-531.	1.5	28
108	Plumbagin induces ROS-mediated apoptosis and cell cycle arrest and inhibits EMT in human cervical carcinoma cells. <i>RSC Advances</i> , 2018, 8, 32022-32037.	1.7	27

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109	Prostate cancer and inositol hexaphosphate: efficacy and mechanisms. <i>Anticancer Research</i> , 2005, 25, 2891-903.	0.5	27
110	Berberine enhances posttranslational protein stability of p21/cip1 in breast cancer cells via down-regulation of Akt. <i>Molecular and Cellular Biochemistry</i> , 2019, 458, 49-59.	1.4	24
111	Cytotoxic, Antimitotic, DNA Binding, Photocatalytic, H2O2 Sensing, and Antioxidant Properties of Biofabricated Silver Nanoparticles Using Leaf Extract of <i>Bryophyllum pinnatum</i> (Lam.) Oken. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 593040.	1.6	23
112	Inositol hexaphosphate inhibits constitutive activation of NF- $\kappa$ B in androgen-independent human prostate carcinoma DU145 cells. <i>Anticancer Research</i> , 2003, 23, 3855-61.	0.5	23
113	Differential effect of silibinin on E2F transcription factors and associated biological events in chronically UVB-exposed skin versus tumors in SKH-1 hairless mice. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 2121-2129.	1.9	22
114	Silibinin Treatment Inhibits the Growth of Hedgehog Inhibitor-Resistant Basal Cell Carcinoma Cells via Targeting EGFR-MAPK-Akt and Hedgehog Signaling. <i>Photochemistry and Photobiology</i> , 2017, 93, 999-1007.	1.3	22
115	Simulated microgravity triggers DNA damage and mitochondria-mediated apoptosis through ROS generation in human promyelocytic leukemic cells. <i>Mitochondrion</i> , 2021, 61, 114-124.	1.6	22
116	EGFR-mediated Rad51 expression potentiates intrinsic resistance in prostate cancer via EMT and DNA repair pathways. <i>Life Sciences</i> , 2021, 286, 120031.	2.0	22
117	Therapeutic potential of biogenic and optimized silver nanoparticles using <i>Rubia cordifolia</i> L. leaf extract. <i>Scientific Reports</i> , 2022, 12, .	1.6	22
118	The TAF9 C-Terminal Conserved Region Domain Is Required for SAGA and TFIID Promoter Occupancy To Promote Transcriptional Activation. <i>Molecular and Cellular Biology</i> , 2014, 34, 1547-1563.	1.1	21
119	Silibinin Combination with Arsenic Strongly Inhibits Survival and Invasiveness of Human Prostate Carcinoma Cells. <i>Nutrition and Cancer</i> , 2015, 67, 647-658.	0.9	19
120	Induction of endothelial dysfunction by oxidized low-density lipoproteins via downregulation of Erk-5/Mef2c/KLF2 signaling: Amelioration by fisetin. <i>Biochimie</i> , 2019, 163, 152-162.	1.3	19
121	An assessment of poly (ADP-ribose) polymerase-1 role in normal and cancer cells. <i>BioFactors</i> , 2020, 46, 894-905.	2.6	19
122	Green Synthesis of Silver Nanoparticles Using the <i>Tridax procumbens</i> Plant Extract and Screening of Its Antimicrobial and Anticancer Activities. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-14.	1.9	19
123	Combination of Resveratrol and Quercetin Causes Cell Growth Inhibition, DNA Damage, Cell Cycle Arrest, and Apoptosis in Oral Cancer Cells. <i>Assay and Drug Development Technologies</i> , 2020, 18, 226-238.	0.6	17
124	Novel Aza-podophyllotoxin derivative induces oxidative phosphorylation and cell death via AMPK activation in triple-negative breast cancer. <i>British Journal of Cancer</i> , 2021, 124, 604-615.	2.9	16
125	PARP-1 induces EMT in non-small cell lung carcinoma cells via modulating the transcription factors Smad4, p65 and ZEB1. <i>Life Sciences</i> , 2021, 269, 118994.	2.0	16
126	Advances in Prostate Cancer Chemoprevention: A Translational Perspective. <i>Nutrition and Cancer</i> , 2013, 65, 12-25.	0.9	15



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127	Polyphenols of <i>Salix aegyptiaca</i> modulate the activities of drug metabolizing and antioxidant enzymes, and level of lipid peroxidation. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 81.	3.7	13
128	Mechanistic Targets of Diallyl Trisulfide in Human Breast Cancer Cells Identified by RNA-seq Analysis. <i>Journal of Cancer Prevention</i> , 2021, 26, 128-136.	0.8	12
129	Arsenic and its combinations in cancer therapeutics. <i>Therapeutic Delivery</i> , 2011, 2, 793-806.	1.2	11
130	Bioengineered and biocompatible silver nanoparticles from <i>Thalictrum foliolosum</i> DC and their biomedical applications. <i>Clean Technologies and Environmental Policy</i> , 2022, 24, 2479-2494.	2.1	9
131	Lupeol induces S-phase arrest and mitochondria-mediated apoptosis in cervical cancer cells. <i>Journal of Biosciences</i> , 2018, 43, 249-261.	0.5	8
132	Mitochondria in health and disease. <i>Mitochondrion</i> , 2014, 16, 1.	1.6	7
133	Flavonoids inhibit chronically exposed arsenic-induced proliferation and malignant transformation of HaCaT cells. <i>Photodermatology Photoimmunology and Photomedicine</i> , 2018, 34, 91-101.	0.7	7
134	Integrated analysis and identification of nine-gene signature associated to oral squamous cell carcinoma pathogenesis. <i>3 Biotech</i> , 2021, 11, 215.	1.1	6
135	Angiogenesis Assays. <i>Methods in Molecular Biology</i> , 2016, 1379, 107-115.	0.4	6
136	Inhibition of angiogenic attributes by decursin in endothelial cells and ex vivo rat aortic ring angiogenesis model. <i>Indian Journal of Experimental Biology</i> , 2011, 49, 848-56.	0.5	6
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