

# Rana P Singh

## List of Publications by Citations

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143  
papers

7,863  
citations

55  
h-index

83  
g-index

152  
ext. papers

8,608  
ext. citations

5.4  
avg, IF

6.14  
L-index

#	Paper	IF	Citations
143	Hazardous effects of chemical pesticides on human health-Cancer and other associated disorders. <i>Environmental Toxicology and Pharmacology</i> , <b>2018</b> , 63, 103-114	5.8	208
142	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> , <b>2003</b> , 22, 8271-82	9.2	198
141	Anticancer potential of silymarin: from bench to bed side. <i>Anticancer Research</i> , <b>2006</b> , 26, 4457-98	2.3	191
140	Silibinin strongly synergizes human prostate carcinoma DU145 cells to doxorubicin-induced growth inhibition, G2-M arrest, and apoptosis. <i>Clinical Cancer Research</i> , <b>2002</b> , 8, 3512-9	12.9	178
139	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> , <b>2004</b> , 108, 733-40	7.5	152
138	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> , <b>2006</b> , 27, 1445-53	4.6	143
137	Effect of silibinin on the growth and progression of primary lung tumors in mice. <i>Journal of the National Cancer Institute</i> , <b>2006</b> , 98, 846-55	9.7	137
136	Grape seed extract inhibits in vitro and in vivo growth of human colorectal carcinoma cells. <i>Clinical Cancer Research</i> , <b>2006</b> , 12, 6194-202	12.9	137
135	Resveratrol causes Cdc2-tyr15 phosphorylation via ATM/ATR-Chk1/2-Cdc25C pathway as a central mechanism for S phase arrest in human ovarian carcinoma Ovcar-3 cells. <i>Carcinogenesis</i> , <b>2005</b> , 26, 1978-87	4.6	132
134	Silibinin strongly inhibits growth and survival of human endothelial cells via cell cycle arrest and downregulation of survivin, Akt and NF-kappaB: implications for angioprevention and antiangiogenic therapy. <i>Oncogene</i> , <b>2005</b> , 24, 1188-202	9.2	129
133	Silibinin inhibits colorectal cancer growth by inhibiting tumor cell proliferation and angiogenesis. <i>Cancer Research</i> , <b>2008</b> , 68, 2043-50	10.1	128
132	Silibinin inhibits inflammatory and angiogenic attributes in photocarcinogenesis in SKH-1 hairless mice. <i>Cancer Research</i> , <b>2007</b> , 67, 3483-91	10.1	128
131	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> , <b>2008</b> , 14, 7773-80	12.9	127
130	Silibinin protects against photocarcinogenesis via modulation of cell cycle regulators, mitogen-activated protein kinases, and Akt signaling. <i>Cancer Research</i> , <b>2004</b> , 64, 6349-56	10.1	126
129	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> , <b>2002</b> , 23, 1869-76	4.6	124
128	Tumor angiogenesis--a potential target in cancer chemoprevention. <i>Food and Chemical Toxicology</i> , <b>2008</b> , 46, 1334-45	4.7	122
127	Dietary feeding of silibinin inhibits advance human prostate carcinoma growth in athymic nude mice and increases plasma insulin-like growth factor-binding protein-3 levels. <i>Cancer Research</i> , <b>2002</b> , 62, 3063-9	10.1	120

126	Mechanisms and preclinical efficacy of silibinin in preventing skin cancer. <i>European Journal of Cancer</i> , <b>2005</b> , 41, 1969-79	7.5	119
125	Phytochemicals as Cell Cycle Modulators A Less Toxic Approach in Halting Human Cancers. <i>Cell Cycle</i> , <b>2002</b> , 1, 155-160	4.7	117
124	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> , <b>2002</b> , 23, 499-510	4.6	117
123	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> , <b>2004</b> , 85, 1-12	4.4	112
122	Prostate cancer chemoprevention by silibinin: bench to bedside. <i>Molecular Carcinogenesis</i> , <b>2006</b> , 45, 436-42	4.2	109
121	Mechanisms of action of novel agents for prostate cancer chemoprevention. <i>Endocrine-Related Cancer</i> , <b>2006</b> , 13, 751-78	5.7	109
120	Silibinin efficacy against human hepatocellular carcinoma. <i>Clinical Cancer Research</i> , <b>2005</b> , 11, 8441-8	12.9	108
119	Flavonoid antioxidant silymarin and skin cancer. <i>Antioxidants and Redox Signaling</i> , <b>2002</b> , 4, 655-63	8.4	105
118	Oral silibinin inhibits lung tumor growth in athymic nude mice and forms a novel chemocombination with doxorubicin targeting nuclear factor kappaB-mediated inducible chemoresistance. <i>Clinical Cancer Research</i> , <b>2004</b> , 10, 8641-7	12.9	104
117	Prostate cancer prevention by silibinin. <i>Current Cancer Drug Targets</i> , <b>2004</b> , 4, 1-11	2.8	100
116	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> , <b>2005</b> , 26, 845-54	4.6	98
115	A novel anticancer agent, decursin, induces G1 arrest and apoptosis in human prostate carcinoma cells. <i>Cancer Research</i> , <b>2005</b> , 65, 1035-44	10.1	95
114	Growth inhibition and regression of lung tumors by silibinin: modulation of angiogenesis by macrophage-associated cytokines and nuclear factor-kappaB and signal transducers and activators of transcription 3. <i>Cancer Prevention Research</i> , <b>2009</b> , 2, 74-83	3.2	94
113	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> , <b>2009</b> , 15, 613-21	12.9	85
112	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> , <b>2008</b> , 68, 6822-30	10.1	85
111	Natural flavonoids targeting deregulated cell cycle progression in cancer cells. <i>Current Drug Targets</i> , <b>2006</b> , 7, 345-54	3	85
110	Oral grape seed extract inhibits prostate tumor growth and progression in TRAMP mice. <i>Cancer Research</i> , <b>2007</b> , 67, 5976-82	10.1	84
109	Silibinin suppresses growth of human colorectal carcinoma SW480 cells in culture and xenograft through down-regulation of beta-catenin-dependent signaling. <i>Neoplasia</i> , <b>2010</b> , 12, 415-24	6.4	83

108	Oral silibinin inhibits in vivo human bladder tumor xenograft growth involving down-regulation of survivin. <i>Clinical Cancer Research</i> , <b>2008</b> , 14, 300-8	12.9	81
107	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> , <b>2011</b> , 286, 25154-70	5.4	74
106	Silibinin induces growth inhibition and apoptotic cell death in human lung carcinoma cells. <i>Anticancer Research</i> , <b>2003</b> , 23, 2649-55	2.3	74
105	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> , <b>2004</b> , 25, 1459-65	4.6	73
104	Chemoprevention of intestinal tumorigenesis in APCmin/+ mice by silibinin. <i>Cancer Research</i> , <b>2010</b> , 70, 2368-78	10.1	72
103	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> , <b>2010</b> , 49, 247-58	5.8	72
102	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> , <b>2003</b> , 24, 555-63	4.6	72
101	Fisetin inhibits various attributes of angiogenesis in vitro and in vivo--implications for angioprevention. <i>Carcinogenesis</i> , <b>2012</b> , 33, 385-93	4.6	66
100	Hypoxia induces triglycerides accumulation in prostate cancer cells and extracellular vesicles supporting growth and invasiveness following reoxygenation. <i>Oncotarget</i> , <b>2015</b> , 6, 22836-56	3.3	66
99	Dietary feeding of silibinin inhibits prostate tumor growth and progression in transgenic adenocarcinoma of the mouse prostate model. <i>Cancer Research</i> , <b>2007</b> , 67, 11083-91	10.1	64
98	Effects of phytochemicals on ionization radiation-mediated carcinogenesis and cancer therapy. <i>Mutation Research - Reviews in Mutation Research</i> , <b>2011</b> , 728, 139-57	7	63
97	In vivo suppression of hormone-refractory prostate cancer growth by inositol hexaphosphate: induction of insulin-like growth factor binding protein-3 and inhibition of vascular endothelial growth factor. <i>Clinical Cancer Research</i> , <b>2004</b> , 10, 244-50	12.9	63
96	Silibinin suppresses in vivo growth of human prostate carcinoma PC-3 tumor xenograft. <i>Carcinogenesis</i> , <b>2007</b> , 28, 2567-74	4.6	62
95	Usnic acid inhibits growth and induces cell cycle arrest and apoptosis in human lung carcinoma A549 cells. <i>Nutrition and Cancer</i> , <b>2013</b> , 65 Suppl 1, 36-43	2.8	59
94	Silibinin inhibits cytokine-induced signaling cascades and down-regulates inducible nitric oxide synthase in human lung carcinoma A549 cells. <i>Molecular Cancer Therapeutics</i> , <b>2008</b> , 7, 1817-26	6.1	59
93	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> , <b>2006</b> , 27, 2269-80	4.6	59
92	Tumor angiogenesis: a potential target in cancer control by phytochemicals. <i>Current Cancer Drug Targets</i> , <b>2003</b> , 3, 205-17	2.8	59
91	Silibinin inhibits ultraviolet B radiation-induced mitogenic and survival signaling, and associated biological responses in SKH-1 mouse skin. <i>Carcinogenesis</i> , <b>2005</b> , 26, 1404-13	4.6	58

90	p21/Cip1 and p27/Kip1 Are essential molecular targets of inositol hexaphosphate for its antitumor efficacy against prostate cancer. <i>Cancer Research</i> , <b>2009</b> , 69, 1166-73	10.1	55
89	Dual efficacy of silibinin in protecting or enhancing ultraviolet B radiation-caused apoptosis in HaCaT human immortalized keratinocytes. <i>Carcinogenesis</i> , <b>2004</b> , 25, 99-106	4.6	55
88	Sodium butyrate induces DRP1-mediated mitochondrial fusion and apoptosis in human colorectal cancer cells. <i>Mitochondrion</i> , <b>2014</b> , 16, 55-64	4.9	54
87	Dietary-feeding of grape seed extract prevents azoxymethane-induced colonic aberrant crypt foci formation in fischer 344 rats. <i>Molecular Carcinogenesis</i> , <b>2010</b> , 49, 641-52	5	54
86	Chemopreventive effects of silymarin and silibinin on N-butyl-N-(4-hydroxybutyl) nitrosamine induced urinary bladder carcinogenesis in male ICR mice. <i>Molecular Cancer Therapeutics</i> , <b>2007</b> , 6, 3248-55	6.1	53
85	Acacetin inhibits in vitro and in vivo angiogenesis and downregulates Stat signaling and VEGF expression. <i>Cancer Prevention Research</i> , <b>2013</b> , 6, 1128-39	3.2	52
84	Cosmeceuticals and silibinin. <i>Clinics in Dermatology</i> , <b>2009</b> , 27, 479-84	3	52
83	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> , <b>2003</b> , 312, 1178-84	3.4	52
82	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> , <b>2005</b> , 14, 1344-9	4	52
81	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> , <b>2005</b> , 280, 20375-83	5.4	51
80	A cancer chemopreventive agent silibinin, targets mitogenic and survival signaling in prostate cancer. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2004</b> , 555, 21-32	3.3	51
79	Impairment of erbB1 receptor and fluid-phase endocytosis and associated mitogenic signaling by inositol hexaphosphate in human prostate carcinoma DU145 cells. <i>Carcinogenesis</i> , <b>2000</b> , 21, 2225-35	4.6	51
78	Berberine in combination with doxorubicin suppresses growth of murine melanoma B16F10 cells in culture and xenograft. <i>Phytomedicine</i> , <b>2014</b> , 21, 340-7	6.5	49
77	Silibinin modulates TNF- $\alpha$ and IFN- $\gamma$ mediated signaling to regulate COX2 and iNOS expression in tumorigenic mouse lung epithelial LM2 cells. <i>Molecular Carcinogenesis</i> , <b>2012</b> , 51, 832-42	5	49
76	Dietary feeding of grape seed extract prevents intestinal tumorigenesis in APCmin/+ mice. <i>Neoplasia</i> , <b>2010</b> , 12, 95-102	6.4	49
75	Silibinin prevents lung tumorigenesis in wild-type but not in iNOS-/- mice: potential of real-time micro-CT in lung cancer chemoprevention studies. <i>Clinical Cancer Research</i> , <b>2011</b> , 17, 753-61	12.9	48
74	Inositol hexaphosphate inhibits growth and induces G1 arrest and apoptotic death of androgen-dependent human prostate carcinoma LNCaP cells. <i>Neoplasia</i> , <b>2004</b> , 6, 646-59	6.4	48
73	Downregulation of both p21/Cip1 and p27/Kip1 produces a more aggressive prostate cancer phenotype. <i>Cell Cycle</i> , <b>2008</b> , 7, 1828-35	4.7	47

72	Modulatory influence of <i>Andrographis paniculata</i> on mouse hepatic and extrahepatic carcinogen metabolizing enzymes and antioxidant status. <i>Phytotherapy Research</i> , <b>2001</b> , 15, 382-90	6.7	47
71	Fisetin inhibits cellular proliferation and induces mitochondria-dependent apoptosis in human gastric cancer cells. <i>Molecular Carcinogenesis</i> , <b>2017</b> , 56, 499-514	5	46
70	Inhibitory effect of silibinin against azoxymethane-induced colon tumorigenesis in A/J mice. <i>Clinical Cancer Research</i> , <b>2010</b> , 16, 4595-606	12.9	46
69	Phytochemicals as cell cycle modulators--a less toxic approach in halting human cancers. <i>Cell Cycle</i> , <b>2002</b> , 1, 156-61	4.7	45
68	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> , <b>2003</b> , 12, 933-9	4	44
67	Inhibition of azoxymethane-induced colonic aberrant crypt foci formation by silibinin in male Fisher 344 rats. <i>Cancer Prevention Research</i> , <b>2008</b> , 1, 376-84	3.2	42
66	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> , <b>2005</b> , 26, 369-80	4.6	42
65	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> , <b>2014</b> , 5, 10017-33	3.3	42
64	βsitosterol induces G1 arrest and causes depolarization of mitochondrial membrane potential in breast carcinoma MDA-MB-231 cells. <i>BMC Complementary and Alternative Medicine</i> , <b>2013</b> , 13, 280	4.7	40
63	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> , <b>2004</b> , 320, 183-9	3.4	40
62	Silibinin inhibits UVB- and epidermal growth factor-induced mitogenic and cell survival signaling involving activator protein-1 and nuclear factor-kappaB in mouse epidermal JB6 cells. <i>Molecular Cancer Therapeutics</i> , <b>2006</b> , 5, 1145-53	6.1	37
61	In vitro and in vivo anticancer efficacy of silibinin against human pancreatic cancer BxPC-3 and PANC-1 cells. <i>Cancer Letters</i> , <b>2013</b> , 334, 109-17	9.9	36
60	Anti-tumor activity of oxypeucedanin from <i>Ostericum koreanum</i> against human prostate carcinoma DU145 cells. <i>Acta Oncologica</i> , <b>2009</b> , 48, 895-900	3.2	36
59	Chemomodulatory action of <i>Aloe vera</i> on the profiles of enzymes associated with carcinogen metabolism and antioxidant status regulation in mice. <i>Phytomedicine</i> , <b>2000</b> , 7, 209-19	6.5	36
58	Silibinin attenuates ionizing radiation-induced pro-angiogenic response and EMT in prostate cancer cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2015</b> , 456, 262-8	3.4	35
57	Inhibition of mitochondrial fusion is an early and critical event in breast cancer cell apoptosis by dietary chemopreventative benzyl isothiocyanate. <i>Mitochondrion</i> , <b>2016</b> , 30, 67-77	4.9	35
56	Isosilibinin inhibits advanced human prostate cancer growth in athymic nude mice: comparison with silymarin and silibinin. <i>International Journal of Cancer</i> , <b>2008</b> , 123, 2750-8	7.5	33
55	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> , <b>2016</b> , 477, 1065-1071	3.4	33

54	Silibinin suppresses spontaneous tumorigenesis in APC min/+ mouse model by modulating beta-catenin pathway. <i>Pharmaceutical Research</i> , <b>2009</b> , 26, 2558-67	4.5	32
53	Chemopreventive efficacy of inositol hexaphosphate against prostate tumor growth and progression in TRAMP mice. <i>Clinical Cancer Research</i> , <b>2008</b> , 14, 3177-84	12.9	32
52	Acacetin enhances the therapeutic efficacy of doxorubicin in non-small-cell lung carcinoma cells. <i>PLoS ONE</i> , <b>2017</b> , 12, e0182870	3.7	32
51	Chemoprevention by Hippophae rhamnoides: effects on tumorigenesis, phase II and antioxidant enzymes, and IRF-1 transcription factor. <i>Nutrition and Cancer</i> , <b>2005</b> , 51, 59-67	2.8	31
50	Silibinin Preferentially Radiosensitizes Prostate Cancer by Inhibiting DNA Repair Signaling. <i>Molecular Cancer Therapeutics</i> , <b>2015</b> , 14, 2722-34	6.1	29
49	Prostate cancer and inositol hexaphosphate: efficacy and mechanisms. <i>Anticancer Research</i> , <b>2005</b> , 25, 2891-903	2.3	26
48	Integrin expression and glycosylation patterns regulate cell-matrix adhesion and alter with breast cancer progression. <i>Biochemical and Biophysical Research Communications</i> , <b>2018</b> , 499, 374-380	3.4	25
47	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> , <b>2011</b> , 50, 553-62	5	25
46	Epidermal growth factor receptor mediates silibinin-induced cytotoxicity in a rat glioma cell line. <i>Cancer Biology and Therapy</i> , <b>2003</b> , 2, 526-31	4.6	24
45	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> , <b>2007</b> , 7, 475-83	2.8	23
44	Microgravity alters cancer growth and progression. <i>Current Cancer Drug Targets</i> , <b>2014</b> , 14, 394-406	2.8	23
43	Silver Nanoparticles Synthesized Using Carica papaya Leaf Extract (AgNPs-PLE) Causes Cell Cycle Arrest and Apoptosis in Human Prostate (DU145) Cancer Cells. <i>Biological Trace Element Research</i> , <b>2021</b> , 199, 1316-1331	4.5	22
42	Inositol hexaphosphate inhibits constitutive activation of NF- kappa B in androgen-independent human prostate carcinoma DU145 cells. <i>Anticancer Research</i> , <b>2003</b> , 23, 3855-61	2.3	22
41	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> , <b>2019</b> , 303, 14-21	5	21
40	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> , <b>2006</b> , 5, 2121-9	6.1	20
39	Usnic acid induces apoptosis in human gastric cancer cells through ROS generation and DNA damage and causes up-regulation of DNA-PKcs and H2A.X phosphorylation. <i>Chemico-Biological Interactions</i> , <b>2020</b> , 315, 108898	5	20
38	Polycomb complex mediated epigenetic reprogramming alters TGF-β signaling via a novel EZH2/miR-490/TGIF2 axis thereby inducing migration and EMT potential in glioblastomas. <i>International Journal of Cancer</i> , <b>2019</b> , 145, 1254-1269	7.5	18
37	Lupeol induces S-phase arrest and mitochondria-mediated apoptosis in cervical cancer cells. <i>Journal of Biosciences</i> , <b>2018</b> , 43, 249-261	2.3	18

36	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> , <b>2017</b> , 93, 999-1007	3.6	17
35	Silibinin combination with arsenic strongly inhibits survival and invasiveness of human prostate carcinoma cells. <i>Nutrition and Cancer</i> , <b>2015</b> , 67, 647-58	2.8	17
34	Zerumbone modulates CD1d expression and lipid antigen presentation pathway in breast cancer cells. <i>Toxicology in Vitro</i> , <b>2017</b> , 44, 74-84	3.6	17
33	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> , <b>2014</b> , 34, 1547-63	4.8	16
32	Mancozeb selectively induces mitochondrial-mediated apoptosis in human gastric carcinoma cells through ROS generation. <i>Mitochondrion</i> , <b>2019</b> , 48, 1-10	4.9	15
31	Therapeutic application of Carica papaya leaf extract in the management of human diseases. <i>DARU, Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 28, 735-744	3.9	14
30	Plumbagin induces ROS-mediated apoptosis and cell cycle arrest and inhibits EMT in human cervical carcinoma cells.. <i>RSC Advances</i> , <b>2018</b> , 8, 32022-32037	3.7	14
29	Induction of endothelial dysfunction by oxidized low-density lipoproteins via downregulation of Erk-5/Mef2c/KLF2 signaling: Amelioration by fisetin. <i>Biochimie</i> , <b>2019</b> , 163, 152-162	4.6	13
28	Berberine enhances posttranslational protein stability of p21/cip1 in breast cancer cells via down-regulation of Akt. <i>Molecular and Cellular Biochemistry</i> , <b>2019</b> , 458, 49-59	4.2	13
27	Advances in prostate cancer chemoprevention: a translational perspective. <i>Nutrition and Cancer</i> , <b>2013</b> , 65 Suppl 1, 12-25	2.8	13
26	Arsenic and its combinations in cancer therapeutics. <i>Therapeutic Delivery</i> , <b>2011</b> , 2, 793-806	3.8	9
25	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> , <b>2020</b> , 18, 226-238	2.1	8
24	Polyphenols of Salix aegyptiaca modulate the activities of drug metabolizing and antioxidant enzymes, and level of lipid peroxidation. <i>BMC Complementary and Alternative Medicine</i> , <b>2018</b> , 18, 81	4.7	8
23	Cytotoxic, Antimitotic, DNA Binding, Photocatalytic, HO Sensing, and Antioxidant Properties of Biofabricated Silver Nanoparticles Using Leaf Extract of (Lam.) Oken. <i>Frontiers in Molecular Biosciences</i> , <b>2020</b> , 7, 593040	5.6	8
22	Lupeol induces S-phase arrest and mitochondria-mediated apoptosis in cervical cancer cells. <i>Journal of Biosciences</i> , <b>2018</b> , 43, 249-261	2.3	8
21	An assessment of poly (ADP-ribose) polymerase-1 role in normal and cancer cells. <i>BioFactors</i> , <b>2020</b> , 46, 894-905	6.1	7
20	Angiogenesis Assays. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1379, 107-15	1.4	6
19	PARP-1 induces EMT in non-small cell lung carcinoma cells via modulating the transcription factors Smad4, p65 and ZEB1. <i>Life Sciences</i> , <b>2021</b> , 269, 118994	6.8	6



18	Novel Aza-podophyllotoxin derivative induces oxidative phosphorylation and cell death via AMPK activation in triple-negative breast cancer. <i>British Journal of Cancer</i> , <b>2021</b> , 124, 604-615	8.7	6
17	Simulated microgravity triggers DNA damage and mitochondria-mediated apoptosis through ROS generation in human promyelocytic leukemic cells. <i>Mitochondrion</i> , <b>2021</b> , 61, 114-124	4.9	5
16	Growth inhibitory and apoptotic effects of inositol hexaphosphate in transgenic adenocarcinoma of mouse prostate (TRAMP-C1) cells. <i>International Journal of Oncology</i> , <b>2003</b> , 23, 1413-8	1	5
15	Inhibition of angiogenic attributes by decursin in endothelial cells and ex vivo rat aortic ring angiogenesis model. <i>Indian Journal of Experimental Biology</i> , <b>2011</b> , 49, 848-56		5
14	Flavonoids inhibit chronically exposed arsenic-induced proliferation and malignant transformation of HaCaT cells. <i>Photodermatology Photoimmunology and Photomedicine</i> , <b>2018</b> , 34, 91-101	2.4	4
13	Integrated analysis and identification of nine-gene signature associated to oral squamous cell carcinoma pathogenesis. <i>3 Biotech</i> , <b>2021</b> , 11, 215	2.8	4
12	Anticancer and Immunomodulatory Properties of Tinospora <b>2009</b> , 195-206		3
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5	Bioengineered and biocompatible silver nanoparticles from <i>Thalictrum foliolosum</i> DC and their biomedical applications. <i>Clean Technologies and Environmental Policy</i> , 1	4.3	0
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