

# Jung-Hyun Shim

## List of Publications by Citations

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133  
papers

2,493  
citations

26  
h-index

42  
g-index

136  
ext. papers

2,941  
ext. citations

4.7  
avg, IF

4.75  
L-index

#	Paper	IF	Citations
133	[6]-Gingerol suppresses colon cancer growth by targeting leukotriene A4 hydrolase. <i>Cancer Research</i> , <b>2009</b> , 69, 5584-91	10.1	147
132	Both E6 and E7 oncoproteins of human papillomavirus 16 inhibit IL-18-induced IFN-gamma production in human peripheral blood mononuclear and NK cells. <i>Journal of Immunology</i> , <b>2001</b> , 167, 497-504	5.3	93
131	Epigallocatechin-gallate suppresses tumorigenesis by directly targeting Pin1. <i>Cancer Prevention Research</i> , <b>2011</b> , 4, 1366-77	3.2	88
130	Reactive oxygen species and PI3K/Akt signaling play key roles in the induction of Nrf2-driven heme oxygenase-1 expression in sulforaphane-treated human mesothelioma MSTO-211H cells. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 116-23	4.7	83
129	Epigallocatechin gallate suppresses lung cancer cell growth through Ras-GTPase-activating protein SH3 domain-binding protein 1. <i>Cancer Prevention Research</i> , <b>2010</b> , 3, 670-9	3.2	83
128	(-)-Epigallocatechin gallate regulates CD3-mediated T cell receptor signaling in leukemia through the inhibition of ZAP-70 kinase. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 28370-9	5.4	83
127	IL-32 inhibits cancer cell growth through inactivation of NF- $\kappa$ B and STAT3 signals. <i>Oncogene</i> , <b>2011</b> , 30, 3345-59	9.2	81
126	Natural diterpenes from coffee, cafestol and kahweol induce apoptosis through regulation of specificity protein 1 expression in human malignant pleural mesothelioma. <i>Journal of Biomedical Science</i> , <b>2012</b> , 19, 60	13.3	63
125	Interleukin-32 monoclonal antibodies for immunohistochemistry, Western blotting, and ELISA. <i>Journal of Immunological Methods</i> , <b>2008</b> , 333, 38-50	2.5	60
124	RSK2 mediates muscle cell differentiation through regulation of NFAT3. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 8380-92	5.4	56
123	Protein profiling and identification of modulators regulated by the E7 oncogene in the C33A cell line by proteomics and genomics. <i>Proteomics</i> , <b>2004</b> , 4, 839-48	4.8	50
122	Licochalcone A, a natural chalconoid isolated from <i>Glycyrrhiza inflata</i> root, induces apoptosis via Sp1 and Sp1 regulatory proteins in oral squamous cell carcinoma. <i>International Journal of Oncology</i> , <b>2014</b> , 45, 667-74	4.4	46
121	The prolyl isomerase Pin1 interacts with a ribosomal protein S6 kinase to enhance insulin-induced AP-1 activity and cellular transformation. <i>Carcinogenesis</i> , <b>2009</b> , 30, 671-81	4.6	38
120	The prolyl isomerase Pin1 induces LC-3 expression and mediates tamoxifen resistance in breast cancer. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 23829-41	5.4	37
119	Targeting ROCK/LIMK/cofilin signaling pathway in cancer. <i>Archives of Pharmacal Research</i> , <b>2019</b> , 42, 481-491	4.1	33
118	Apoptotic effect of <i>Polygonum Cuspidatum</i> in oral cancer cells through the regulation of specificity protein 1. <i>Oral Diseases</i> , <b>2011</b> , 17, 162-70	3.5	33
117	Protein profiling and identification of modulators regulated by human papillomavirus 16 E7 oncogene in HaCaT keratinocytes by proteomics. <i>Gynecologic Oncology</i> , <b>2005</b> , 99, 142-52	4.9	31

116	Anti-proliferative effect of honokiol in oral squamous cancer through the regulation of specificity protein 1. <i>International Journal of Oncology</i> , <b>2013</b> , 43, 1103-10	4.4	30
115	Hesperidin Induces Apoptosis by Inhibiting Sp1 and Its Regulatory Protein in MSTO-211H Cells. <i>Biomolecules and Therapeutics</i> , <b>2012</b> , 20, 273-9	4.2	30
114	Chemopreventive effect of tolfenamic acid on KB human cervical cancer cells and tumor xenograft by downregulating specificity protein 1. <i>European Journal of Cancer Prevention</i> , <b>2011</b> , 20, 102-11	2	29
113	Cot, a novel kinase of histone H3, induces cellular transformation through up-regulation of c-fos transcriptional activity. <i>FASEB Journal</i> , <b>2008</b> , 22, 113-26	0.9	29
112	Cytoprotective effects of esculetin against oxidative stress are associated with the upregulation of Nrf2-mediated NQO1 expression via the activation of the ERK pathway. <i>International Journal of Molecular Medicine</i> , <b>2017</b> , 39, 380-386	4.4	28
111	Apoptotic effect of tolfenamic acid in androgen receptor-independent prostate cancer cell and xenograft tumor through specificity protein 1. <i>Cancer Science</i> , <b>2011</b> , 102, 742-8	6.9	28
110	Signaling pathways implicated in alpha-melanocyte stimulating hormone-induced lipolysis in 3T3-L1 adipocytes. <i>Journal of Cellular Biochemistry</i> , <b>2005</b> , 96, 869-78	4.7	28
109	Multifunctional effects of honokiol as an anti-inflammatory and anti-cancer drug in human oral squamous cancer cells and xenograft. <i>Biomaterials</i> , <b>2015</b> , 53, 274-84	15.6	27
108	Natural Compound Licochalcone B Induced Extrinsic and Intrinsic Apoptosis in Human Skin Melanoma (A375) and Squamous Cell Carcinoma (A431) Cells. <i>Phytotherapy Research</i> , <b>2017</b> , 31, 1858-1867	6.7	26
107	c-Jun N-terminal kinase 1 phosphorylates Myt1 to prevent UVA-induced skin cancer. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 2168-80	4.8	26
106	Herbacetin Is a Novel Allosteric Inhibitor of Ornithine Decarboxylase with Antitumor Activity. <i>Cancer Research</i> , <b>2016</b> , 76, 1146-1157	10.1	25
105	Esculetin, a Coumarin Derivative, Exhibits Anti-proliferative and Pro-apoptotic Activity in G361 Human Malignant Melanoma. <i>Journal of Cancer Prevention</i> , <b>2015</b> , 20, 106-12	3	25
104	Quercetin Induces Antiproliferative Activity Against Human Hepatocellular Carcinoma (HepG2) Cells by Suppressing Specificity Protein 1 (Sp1). <i>Drug Development Research</i> , <b>2015</b> , 76, 9-16	5.1	24
103	The flavonoid resveratrol suppresses growth of human malignant pleural mesothelioma cells through direct inhibition of specificity protein 1. <i>International Journal of Molecular Medicine</i> , <b>2012</b> , 30, 21-7	4.4	24
102	Downregulation of Sp1 is involved in honokiol-induced cell cycle arrest and apoptosis in human malignant pleural mesothelioma cells. <i>Oncology Reports</i> , <b>2013</b> , 29, 2318-24	3.5	24
101	E7-expressing HaCaT keratinocyte cells are resistant to oxidative stress-induced cell death via the induction of catalase. <i>Proteomics</i> , <b>2005</b> , 5, 2112-22	4.8	24
100	Licochalcone A Suppresses Specificity Protein 1 as a Novel Target in Human Breast Cancer Cells. <i>Journal of Cellular Biochemistry</i> , <b>2017</b> , 118, 4652-4663	4.7	23
99	HPLC Analysis, Optimization of Extraction Conditions and Biological Evaluation of Corylopsis coreana Uyeki Flos. <i>Molecules</i> , <b>2016</b> , 21, 94	4.8	23

98	Antitumorigenic effect of atmospheric-pressure dielectric barrier discharge on human colorectal cancer cells via regulation of Sp1 transcription factor. <i>Scientific Reports</i> , <b>2017</b> , 7, 43081	4.9	22
97	Identification of the biologically active constituents of <i>Camellia japonica</i> leaf and anti-hyperuricemic effect in vitro and in vivo. <i>International Journal of Molecular Medicine</i> , <b>2017</b> , 39, 1613-1620	4.4	22
96	Structural diversity of the active N-terminal kinase domain of p90 ribosomal S6 kinase 2. <i>PLoS ONE</i> , <b>2009</b> , 4, e8044	3.7	22
95	COT phosphorylates prolyl-isomerase Pin1 to promote tumorigenesis in breast cancer. <i>Molecular Carcinogenesis</i> , <b>2015</b> , 54, 440-8	5	21
94	Licochalcone B induces apoptosis of human oral squamous cell carcinoma through the extrinsic- and intrinsic-signaling pathways. <i>International Journal of Oncology</i> , <b>2016</b> , 48, 1749-57	4.4	21
93	In vitro apoptotic effects of methanol extracts of <i>Dianthus chinensis</i> and <i>Acalypha australis</i> L. targeting specificity protein 1 in human oral cancer cells. <i>Head and Neck</i> , <b>2013</b> , 35, 992-8	4.2	21
92	Licochalcone A induces apoptosis in malignant pleural mesothelioma through downregulation of Sp1 and subsequent activation of mitochondria-related apoptotic pathway. <i>International Journal of Oncology</i> , <b>2015</b> , 46, 1385-92	4.4	21
91	The HDAC inhibitor, panobinostat, induces apoptosis by suppressing the expression of specificity protein 1 in oral squamous cell carcinoma. <i>International Journal of Molecular Medicine</i> , <b>2013</b> , 32, 860-6	4.4	21
90	(3-Chloroacetyl)-indole, a novel allosteric AKT inhibitor, suppresses colon cancer growth in vitro and in vivo. <i>Cancer Prevention Research</i> , <b>2011</b> , 4, 1842-51	3.2	21
89	Role of transcription factor Sp1 in the quercetin-mediated inhibitory effect on human malignant pleural mesothelioma. <i>International Journal of Molecular Medicine</i> , <b>2012</b> , 30, 835-41	4.4	20
88	TPA-induced cell transformation provokes a complex formation between Pin1 and 90 kDa ribosomal protein S6 kinase 2. <i>Molecular and Cellular Biochemistry</i> , <b>2012</b> , 367, 85-92	4.2	20
87	Herbacetin suppresses cutaneous squamous cell carcinoma and melanoma cell growth by targeting AKT and ODC. <i>Carcinogenesis</i> , <b>2017</b> , 38, 1136-1146	4.6	19
86	Esculetin Induces Apoptosis Through EGFR/PI3K/Akt Signaling Pathway and Nucleophosmin Relocalization. <i>Journal of Cellular Biochemistry</i> , <b>2016</b> , 117, 1210-21	4.7	19
85	Cell growth inhibition by 3-deoxysappanchalcone is mediated by directly targeting the TOPK signaling pathway in colon cancer. <i>Phytomedicine</i> , <b>2019</b> , 61, 152813	6.5	18
84	Esculetin (6,7-dihydroxycoumarin): a potential cancer chemopreventive agent through suppression of Sp1 in oral squamous cancer cells. <i>International Journal of Oncology</i> , <b>2015</b> , 46, 265-71	4.4	18
83	Protective effect of oxidative stress in HaCaT keratinocytes expressing E7 oncogene. <i>Amino Acids</i> , <b>2008</b> , 34, 135-41	3.5	18
82	Kahweol induces apoptosis by suppressing BTF3 expression through the ERK signaling pathway in non-small cell lung cancer cells. <i>International Journal of Oncology</i> , <b>2016</b> , 49, 2294-2302	4.4	16
81	Resveratrol contributes to chemosensitivity of malignant mesothelioma cells with activation of p53. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 63, 153-60	4.7	16

80	Licochalcone C induced apoptosis in human oral squamous cell carcinoma cells by regulation of the JAK2/STAT3 signaling pathway. <i>Journal of Cellular Biochemistry</i> , <b>2018</b> , 119, 10118-10130	4.7	15
79	Licochalcone B inhibits growth and induces apoptosis of human non-small-cell lung cancer cells by dual targeting of EGFR and MET. <i>Phytomedicine</i> , <b>2019</b> , 63, 153014	6.5	15
78	Anti-arthritis effects of (E)-2,4-bis(p-hydroxyphenyl)-2-butenal are mediated by inhibition of the STAT3 pathway. <i>British Journal of Pharmacology</i> , <b>2014</b> , 171, 2900-12	8.6	15
77	Role of transcription factor Sp1 in the 4-O-methylhonokiol-mediated apoptotic effect on oral squamous cancer cells and xenograft. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2015</b> , 64, 287-97	5.6	15
76	Anti-proliferative properties of kahweol in oral squamous cancer through the regulation specificity protein 1. <i>Phytotherapy Research</i> , <b>2014</b> , 28, 1879-86	6.7	15
75	Apoptotic Effect of Tolfenamic Acid in KB Human Oral Cancer Cells: Possible Involvement of the p38 MAPK Pathway. <i>Journal of Clinical Biochemistry and Nutrition</i> , <b>2010</b> , 47, 74-80	3.1	14
74	Downregulation of Sp1 is involved in Elapachone-induced cell cycle arrest and apoptosis in oral squamous cell carcinoma. <i>International Journal of Oncology</i> , <b>2015</b> , 46, 2606-12	4.4	13
73	Licochalcone D Induces ROS-Dependent Apoptosis in Gefitinib-Sensitive or Resistant Lung Cancer Cells by Targeting EGFR and MET. <i>Biomolecules</i> , <b>2020</b> , 10,	5.9	13
72	Cordycepin induces apoptosis through repressing hTERT expression and inducing extranuclear export of hTERT. <i>Journal of Bioscience and Bioengineering</i> , <b>2015</b> , 119, 351-7	3.3	12
71	Chemopreventive effects of synthetic C-substituted diindolylmethanes originating from cruciferous vegetables in human oral cancer cells. <i>European Journal of Cancer Prevention</i> , <b>2011</b> , 20, 417-25	2.5	12
70	Inhibition of myeloid cell leukemia-1 by tolfenamic acid induces apoptosis in mucoepidermoid carcinoma. <i>Oral Diseases</i> , <b>2011</b> , 17, 469-75	3.5	12
69	Elapachone suppresses the proliferation of human malignant melanoma cells by targeting specificity protein 1. <i>Oncology Reports</i> , <b>2016</b> , 35, 1109-16	3.5	12
68	JAK2 regulation by licochalcone H inhibits the cell growth and induces apoptosis in oral squamous cell carcinoma. <i>Phytomedicine</i> , <b>2019</b> , 52, 60-69	6.5	12
67	Deoxy podophyllotoxin Exerts Anti-Cancer Effects on Colorectal Cancer Cells Through Induction of Apoptosis and Suppression of Tumorigenesis. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	11
66	Retrochalcone Echinatin Triggers Apoptosis of Esophageal Squamous Cell Carcinoma via ROS- and ER Stress-Mediated Signaling Pathways. <i>Molecules</i> , <b>2019</b> , 24,	4.8	11
65	Beta-Lapachone Suppresses Non-small Cell Lung Cancer Proliferation through the Regulation of Specificity Protein 1. <i>Biological and Pharmaceutical Bulletin</i> , <b>2015</b> , 38, 1302-8	2.3	11
64	Development, optimization, and single laboratory validation of an event-specific real-time PCR method for the detection and quantification of Golden Rice 2 using a novel taxon-specific assay. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 1711-21	5.7	11
63	Oridonin induces apoptosis in oral squamous cell carcinoma probably through the generation of reactive oxygen species and the p38/JNK MAPK pathway. <i>International Journal of Oncology</i> , <b>2018</b> , 52, 1749-1759	4.4	11

62	Licochalcone B induces the apoptosis of human oral squamous cell carcinoma cells via regulation of matrix metalloproteinase-9. <i>Oncology Reports</i> , <b>2019</b> , 41, 333-340	3.5	11
61	Tyrosinase Inhibition, Antioxidant Effect and Cytotoxicity Studies of the Extracts of <i>Cudrania tricuspidata</i> Fruit Standardized in Chlorogenic Acid. <i>Molecules</i> , <b>2019</b> , 24,	4.8	10
60	Phosphoinositide 3-kinase, a novel target molecule for the inhibitory effects of juglone on TPA-induced cell transformation. <i>International Journal of Molecular Medicine</i> , <b>2012</b> , 30, 8-14	4.4	10
59	<i>Althaea rosea</i> Cavani and <i>Plantago major</i> L. suppress neoplastic cell transformation through the inhibition of epidermal growth factor receptor kinase. <i>Molecular Medicine Reports</i> , <b>2012</b> , 6, 843-7	2.9	10
58	Targeting LIMK1 with luteolin inhibits the growth of lung cancer in vitro and in vivo. <i>Journal of Cellular and Molecular Medicine</i> , <b>2021</b> , 25, 5560-5571	5.6	10
57	Identification and Extraction Optimization of Active Constituents in Seib ex TANAKA Peel and Its Biological Evaluation. <i>Molecules</i> , <b>2019</b> , 24,	4.8	10
56	International ring trial for the validation of an event-specific Golden Rice 2 quantitative real-time polymerase chain reaction method. <i>Journal of Agricultural and Food Chemistry</i> , <b>2015</b> , 63, 4954-65	5.7	9
55	Distinctive roles of receptor-interacting protein kinases 1 and 3 in caspase-independent cell death of L929. <i>Cell Biochemistry and Function</i> , <b>2014</b> , 32, 62-9	4.2	9
54	Computational and Biochemical Discovery of RSK2 as a Novel Target for Epigallocatechin Gallate (EGCG). <i>PLoS ONE</i> , <b>2015</b> , 10, e0130049	3.7	9
53	Apoptotic effects of 7,8-dihydroxyflavone in human oral squamous cancer cells through suppression of Sp1. <i>Oncology Reports</i> , <b>2015</b> , 33, 631-8	3.5	9
52	Histone H2AX is required for <i>Xenopus</i> anterior neural development: critical role of threonine 16 phosphorylation. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 29525-34	5.4	9
51	Dual inhibition of EGFR and MET by Echinatin retards cell growth and induces apoptosis of lung cancer cells sensitive or resistant to gefitinib. <i>Phytotherapy Research</i> , <b>2020</b> , 34, 388-400	6.7	9
50	Dasatinib Inhibits Lung Cancer Cell Growth and Patient Derived Tumor Growth in Mice by Targeting LIMK1. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 556532	5.7	9
49	Rhein exhibits antitumorigenic effects by interfering with the interaction between prolyl isomerase Pin1 and c-Jun. <i>Oncology Reports</i> , <b>2017</b> , 37, 1865-1872	3.5	8
48	Janus kinase 2 inhibition by Licochalcone B suppresses esophageal squamous cell carcinoma growth. <i>Phytotherapy Research</i> , <b>2020</b> , 34, 2032-2043	6.7	8
47	Esculetin exerts anti-proliferative effects against non-small-cell lung carcinoma by suppressing specificity protein 1 in vitro. <i>General Physiology and Biophysics</i> , <b>2017</b> , 36, 31-39	2.1	8
46	Licochalcone D directly targets JAK2 to induced apoptosis in human oral squamous cell carcinoma. <i>Journal of Cellular Physiology</i> , <b>2019</b> , 234, 1780-1793	7	8
45	Specificity protein 1 is a novel target of 2,4-bis (p-hydroxyphenyl)-2-butenal for the suppression of human oral squamous cell carcinoma cell growth. <i>Journal of Biomedical Science</i> , <b>2014</b> , 21, 4	13.3	8

44	(S)-10-Hydroxycamptothecin Inhibits Esophageal Squamous Cell Carcinoma Growth In Vitro and In Vivo Via Decreasing Topoisomerase I Enzyme Activity. <i>Cancers</i> , <b>2019</b> , 11,	6.6	8
43	Targeted inhibition of c-MET by podophyllotoxin promotes caspase-dependent apoptosis and suppresses cell growth in gefitinib-resistant non-small cell lung cancer cells. <i>Phytomedicine</i> , <b>2021</b> , 80, 153355	6.5	8
42	Antitumor effect of soluble beta-1,3-glucan from <i>Agrobacterium</i> sp. R259 KCTC 1019. <i>Journal of Microbiology and Biotechnology</i> , <b>2007</b> , 17, 1513-20	3.3	8
41	Licochalcone C induces cell cycle G1 arrest and apoptosis in human esophageal squamous carcinoma cells by activation of the ROS/MAPK signaling pathway. <i>Journal of Chemotherapy</i> , <b>2020</b> , 32, 132-143	2.3	7
40	Manumycin A from a new <i>Streptomyces</i> strain induces endoplasmic reticulum stress-mediated cell death through specificity protein 1 signaling in human oral squamous cell carcinoma. <i>International Journal of Oncology</i> , <b>2015</b> , 47, 1954-62	4.4	7
39	2,4-bis (p-hydroxyphenyl)-2-butenal (HPB242) induces apoptosis via modulating E7 expression and inhibition of PI3K/Akt pathway in SiHa human cervical cancer cells. <i>Nutrition and Cancer</i> , <b>2012</b> , 64, 1236-44	2.8	7
38	The 3-deoxysappanchalcone induces ROS-mediated apoptosis and cell cycle arrest via JNK/p38 MAPKs signaling pathway in human esophageal cancer cells. <i>Phytomedicine</i> , <b>2021</b> , 86, 153564	6.5	7
37	Ethanol Extract of Leaf Ameliorates Hyperuricemia in Mice via Inhibition of Hepatic and Serum Xanthine Oxidase Activity. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2018</b> , 2018, 8037925	2.3	7
36	Picropodophyllotoxin, an Epimer of Podophyllotoxin, Causes Apoptosis of Human Esophageal Squamous Cell Carcinoma Cells Through ROS-Mediated JNK/P38 MAPK Pathways. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	6
35	Downregulation of immune response by the human cytokines Interleukin-32alpha and beta in cell-mediated rejection. <i>Cellular Immunology</i> , <b>2010</b> , 264, 47-53	4.4	6
34	Optimization of the Extraction Conditions and Biological Evaluation of H. Lev as an Anti-Hyperuricemic Source. <i>Molecules</i> , <b>2018</b> , 23,	4.8	6
33	Xanthohumol Inhibits the Growth of Keratin 18-Overexpressed Esophageal Squamous Cell Carcinoma and. <i>Frontiers in Cell and Developmental Biology</i> , <b>2020</b> , 8, 366	5.7	5
32	Caspase-3 activation as a key factor for HBx-transformed cell death. <i>Cell Proliferation</i> , <b>2008</b> , 41, 755-74	7.9	5
31	IL-18 E42A mutant is resistant to the inhibitory effects of HPV-16 E6 and E7 oncogenes on the IL-18-mediated immune response. <i>Cancer Letters</i> , <b>2005</b> , 229, 261-70	9.9	5
30	Development of PCR-ELISA for the detection of hepatitis B virus x gene expression and clinical application. <i>Journal of Clinical Laboratory Analysis</i> , <b>2005</b> , 19, 139-45	3	5
29	Proteomic Assessment of the Relevant Factors Affecting Pork Meat Quality Associated with Muscles in Duroc Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , <b>2016</b> , 29, 1653-1663	2.4	5
28	Cytotoxic Constituents from the Roots of <i>Asarum sieboldii</i> in Human Breast Cancer Cells. <i>Natural Product Sciences</i> , <b>2019</b> , 25, 72	1.1	4
27	Alternative Options for Skin Cancer Therapy via Regulation of AKT and Related Signaling Pathways. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	4

26	Manumycin A induces apoptosis in malignant pleural mesothelioma through regulation of Sp1 and activation of the mitochondria-related apoptotic pathway. <i>Oncology Reports</i> , <b>2016</b> , 36, 117-24	3.5	4
25	Chemical regulation of signaling pathways to programmed necrosis. <i>Archives of Pharmacal Research</i> , <b>2014</b> , 37, 689-97	6.1	3
24	KO-202125, a sauristolactam derivate, induces apoptosis to prevent KB human oral squamous carcinoma cells through inhibition of cyclooxygenase-2 expression. <i>European Journal of Cancer Prevention</i> , <b>2010</b> , 19, 23-30	2	3
23	Preparation of topical bimatoprost with enhanced skin infiltration and hair regrowth efficacy in androgenic alopecia.. <i>Drug Delivery</i> , <b>2022</b> , 29, 328-341	7	3
22	Role of Protein Kinases and Their Inhibitors in Radiation Response of Tumor Cells. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 4259-4280	3.3	3
21	Podophyllotoxin Isolated from Podophyllum peltatum Induces G2/M Phase Arrest and Mitochondrial-Mediated Apoptosis in Esophageal Squamous Cell Carcinoma Cells. <i>Forests</i> , <b>2020</b> , 11, 8	2.8	3
20	Deoxypodophyllotoxin, a Lignan from , Induces Apoptosis and Cell Cycle Arrest by Inhibiting the EGFR Signaling Pathways in Esophageal Squamous Cell Carcinoma Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	3
19	Deoxypodophyllotoxin Inhibits Cell Growth and Induces Apoptosis by Blocking EGFR and MET in Gefitinib-Resistant Non-Small Cell Lung Cancer. <i>Journal of Microbiology and Biotechnology</i> , <b>2021</b> , 31, 559-569	3.3	3
18	Regional Differences of Proteins Expressing in Adipose Depots Isolated from Cows, Steers and Bulls as Identified by a Proteomic Approach. <i>Asian-Australasian Journal of Animal Sciences</i> , <b>2016</b> , 29, 1197-1206	7.4	3
17	3-Deoxysappanchalcone Inhibits Skin Cancer Proliferation by Regulating T-Lymphokine-Activated Killer Cell-Originated Protein Kinase and. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 638174	5.7	3
16	Effects of Harvest Time on Phytochemical Constituents and Biological Activities of Berry Extracts. <i>Molecules</i> , <b>2019</b> , 24,	4.8	2
15	Isolation, Semisynthesis, and Molecular Modeling of Deoxypodophyllotoxin Analogs for an Anti-oral Cancer Agent. <i>Bulletin of the Korean Chemical Society</i> , <b>2020</b> , 41, 472-475	1.2	2
14	Broad Spectrum Antimicrobial Activity of Licochalcones A and E against MDR (Multidrug Resistant) Strains of Clinical Origin. <i>Natural Product Communications</i> , <b>2017</b> , 12, 1934578X1701201	0.9	2
13	Protection against Oxidative Stress-Induced Apoptosis by Fermented Sea Tangle ( Aresch) in Osteoblastic MC3T3-E1 Cells through Activation of Nrf2 Signaling Pathway. <i>Foods</i> , <b>2021</b> , 10,	4.9	2
12	Licochalcone H Synthesized by Modifying Structure of Licochalcone C Extracted from Glycyrrhiza inflata Induces Apoptosis of Esophageal Squamous Cell Carcinoma Cells. <i>Cell Biochemistry and Biophysics</i> , <b>2020</b> , 78, 65-76	3.2	2
11	Isolinderalactone Induces Cell Death via Mitochondrial Superoxide- and STAT3-Mediated Pathways in Human Ovarian Cancer Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	2
10	A Small Molecule Antagonist of PD-1/PD-L1 Interactions Acts as an Immune Checkpoint Inhibitor for NSCLC and Melanoma Immunotherapy. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 654463	8.4	2
9	Inhibitory Effect of Phenanthrenes and Dihydrostilbenes from Dendrobium moniliforme on Protein Tyrosine Phosphatase 1B. <i>Bulletin of the Korean Chemical Society</i> , <b>2018</b> , 39, 1467-1470	1.2	2



8	The Protective Effect of Topical Spermidine on Dry Eye Disease with Retinal Damage Induced by Diesel Particulate Matter. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	2
7	Effects of Cellular 11 $\beta$ -Hydroxysteroid Dehydrogenase 1 on LPS-induced Inflammatory Responses in Synovial Cell Line, SW982. <i>Immune Network</i> , <b>2017</b> , 17, 171-178	6.1	1
6	Phosphorylation of PrxII promotes JNK-dependent apoptosis in adult cloned pig kidney. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2014</b> , 53, 352-60	5.6	1
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4	Knockdown of cysteine-rich 61 inhibits proliferation, migration, and invasiveness of prostate carcinoma PC-3 cells. <i>Animal Cells and Systems</i> , <b>2013</b> , 17, 306-314	2.3	
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