Dong-Wan Seo

List of Publications by Year in Descending Order

82 papers	2,232 citations	24 h-index	44 g-index
83 ext. papers	2,464 ext. citations	5.4 avg, IF	4.3 L-index

#	Paper	IF	Citations
82	Broussonin A- and B-mediated inhibition of angiogenesis by blockade of VEGFR-2 signalling pathways and integrin expression.. *Journal of Cellular and Molecular Medicine*, **2022**,	5.6	1
81	Spiraea prunifolia leaves extract inhibits adipogenesis and lipogenesis by promoting oxidation in high fat diet-induced obese mice.. *Biomedicine and Pharmacotherapy*, **2022**, 149, 112889	7.5	1
80	Improvement of Obesity and Dyslipidemic Activity of in C57BL/6 Mice Fed a High-Carbohydrate Diet. *Molecules*, **2021**, 26,	4.8	3
79	A novel role for viniferin in suppressing angiogenesis by blocking the VEGFR-2/p70 signaling pathway. *Phytotherapy Research*, **2020**, 34, 2697-2705	6.7	0
78	Effects of anti-wrinkle and skin-whitening fermented black ginseng on human subjects and underlying mechanism of action. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2020**, 83, 423-437	3.2	0
77	Effects of anti-wrinkle and skin-whitening fermented black ginseng on human subjects and underlying mechanism of action. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2020**, 83, 470-484	3.2	1
76	Novel functions for 2-phenylbenzimidazole-5-sulphonic acid: Inhibition of ovarian cancer cell responses and tumour angiogenesis. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 2688-2700	5.6	3
75	Extract Attenuates Atopic Dermatitis-Like Skin Lesions through Modulation of MAPK Signaling in BALB/c Mice. *Molecules*, **2020**, 25,	4.8	3
74	Ginsenoside Rb1 and Rb2 upregulate Akt/mTOR signaling-mediated muscular hypertrophy and myoblast differentiation. *Journal of Ginseng Research*, **2020**, 44, 435-441	5.8	12
73	Risk Assessment of Triclosan, a Cosmetic Preservative. *Toxicological Research*, **2019**, 35, 137-154	3.7	24
72	T-cell immune regulator 1 enhances metastasis in hepatocellular carcinoma. *Experimental and Molecular Medicine*, **2018**, 50, e420	12.8	8
71	Black ginseng activates Akt signaling, thereby enhancing myoblast differentiation and myotube growth. *Journal of Ginseng Research*, **2018**, 42, 116-121	5.8	9
70	Marmesin-mediated suppression of VEGF/VEGFR and integrin expression: Its implication in non-small cell lung cancer cell responses and tumor angiogenesis. *Oncology Reports*, **2017**, 37, 91-97	3.5	15
69	An isoflavone compound daidzein elicits myoblast differentiation and myotube growth. *Journal of Functional Foods*, **2017**, 38, 438-446	5.1	11
68	Ginsenoside Rg1 from enhances myoblast differentiation and myotube growth. *Journal of Ginseng Research*, **2017**, 41, 608-614	5.8	16
67	modulates endothelial cell proliferation, migration and tube formation via downregulation of the Akt signaling pathway. *Oncology Letters*, **2017**, 14, 4677-4683	2.6	1
66	Epicatechin elicits MyoD-dependent myoblast differentiation and myogenic conversion of fibroblasts. *PLoS ONE*, **2017**, 12, e0175271	3.7	13

65	Dehydrocorydaline promotes myogenic differentiation via p38 MAPK activation. *Molecular Medicine Reports*, **2016**, 14, 3029-36	2.9	10
64	PKN2 and Cdo interact to activate AKT and promote myoblast differentiation. *Cell Death and Disease*, **2016**, 7, e2431	9.8	26
63	Peroxisome proliferator-activated receptor (PPAR) activates promyogenic signaling pathways, thereby promoting myoblast differentiation. *Biochemical and Biophysical Research Communications*, **2016**, 470, 157-162	3.4	4
62	5-Caffeoylquinic acid inhibits invasion of non-small cell lung cancer cells through the inactivation of p70S6K and Akt activity: Involvement of p53 in differential regulation of signaling pathways. *International Journal of Oncology*, **2016**, 48, 1907-12	4.4	17
61	Bakuchiol augments MyoD activation leading to enhanced myoblast differentiation. *Chemico-Biological Interactions*, **2016**, 248, 60-7	5	7
60	10-Gingerol inhibits proliferation and invasion of MDA-MB-231 breast cancer cells through suppression of Akt and p38MAPK activity. *Oncology Reports*, **2016**, 35, 779-84	3.5	43
59	Marmesin is a novel angiogenesis inhibitor: Regulatory effect and molecular mechanism on endothelial cell fate and angiogenesis. *Cancer Letters*, **2015**, 369, 323-30	9.9	19
58	Kazinol-P from Broussonetia kazinoki enhances skeletal muscle differentiation via p38MAPK and MyoD. *Biochemical and Biophysical Research Communications*, **2015**, 456, 471-5	3.4	9
57	Syntaxin 4 regulates the surface localization of a promyogenic receptor Cdo thereby promoting myogenic differentiation. *Skeletal Muscle*, **2015**, 5, 28	5.1	6
56	Anti-angiogenic effects of Siegesbeckia glabrescens are mediated by suppression of the Akt and p70S6K-dependent signaling pathways. *Oncology Reports*, **2015**, 33, 699-704	3.5	11
55	Ligularia fischeri inhibits endothelial cell proliferation, invasion and tube formation through the inactivation of mitogenic signaling pathways and regulation of vascular endothelial cadherin distribution and matrix metalloproteinase expression. *Oncology Reports*, **2015**, 34, 221-6	3.5	5
54	TIMP-2-derived 18-mer peptide inhibits endothelial cell proliferation and migration through cAMP/PKA-dependent mechanism. *Cancer Letters*, **2014**, 343, 210-6	9.9	21
53	Neolignan inhibitors of antigen-induced degranulation in RBL-2H3 cells from the needles of Pinus thunbergii. *Fitoterapia*, **2014**, 99, 347-51	3.2	16
52	A mechanistic study on the anti-cancer activity of ethyl caffeate in human ovarian cancer SKOV-3 cells. *Chemico-Biological Interactions*, **2014**, 219, 151-8	5	13
51	Broussonetia kazinoki modulates the expression of VEGFR-2 and MMP-2 through the inhibition of ERK, Akt and p70S6K-dependent signaling pathways: Its implication in endothelial cell proliferation, migration and tubular formation. *Oncology Reports*, **2014**, 32, 1531-6	3.5	15
50	Regulatory effects of Siegesbeckia glabrescens on non-small cell lung cancer cell proliferation and invasion. *The American Journal of Chinese Medicine*, **2014**, 42, 453-63	6	20
49	Tetrahydropalmatine promotes myoblast differentiation through activation of p38MAPK and MyoD. *Biochemical and Biophysical Research Communications*, **2014**, 455, 147-52	3.4	17
48	Ligularia fischeri regulates lung cancer cell proliferation and migration through down-regulation of epidermal growth factor receptor and integrin 1 expression. *Genes and Genomics*, **2013**, 35, 741-746	2.1	6

47	Enzymatic production and expression of shRNAmir30 from cDNAs. *Genes and Genomics*, **2013**, 35, 395-403	2.1	
46	Phytochemical linarin enriched in the flower of Chrysanthemum indicum inhibits proliferation of A549 human alveolar basal epithelial cells through suppression of the Akt-dependent signaling pathway. *Journal of Medicinal Food*, **2013**, 16, 1086-94	2.8	15
45	PRMT6 overexpression upregulates TSP-1 and downregulates MMPs: its implication in motility and invasion. *Biochemical and Biophysical Research Communications*, **2013**, 432, 60-5	3.4	17
44	Two new furostanol glycosides from the fruits of Tribulus terrestris. *Tetrahedron Letters*, **2013**, 54, 3967-3970	2	8
43	Knockdown of integrin β1 expression induces proliferation and migration of non-small cell lung cancer cells. *Oncology Reports*, **2013**, 29, 662-8	3.5	18
42	The in vitro antitumor activity of Siegesbeckia glabrescens against ovarian cancer through suppression of receptor tyrosine kinase expression and the signaling pathways. *Oncology Reports*, **2013**, 30, 221-6	3.5	25
41	Antagonism of VEGF-A-induced increase in vascular permeability by an integrin β1-Shp-1-cAMP/PKA pathway. *Blood*, **2012**, 120, 4892-902	2.2	40
40	1β-Hydroxy-2-oxopomolic acid isolated from Agrimonia pilosa extract inhibits adipogenesis in 3T3-L1 cells. *Biological and Pharmaceutical Bulletin*, **2012**, 35, 643-9	2.3	22
39	An integrin-binding N-terminal peptide region of TIMP-2 retains potent angio-inhibitory and anti-tumorigenic activity in vivo. *Peptides*, **2011**, 32, 1840-8	3.8	26
38	Sepiapterin inhibits cell proliferation and migration of ovarian cancer cells via down-regulation of p70S6K-dependent VEGFR-2 expression. *Oncology Reports*, **2011**, 26, 861-7	3.5	18
37	Inhibitory effects of sepiapterin on vascular endothelial growth factor-A-induced proliferation and adhesion in human umbilical vein endothelial cells. *Archives of Pharmacal Research*, **2011**, 34, 1571-7	6.1	9
36	Sepiapterin regulates cell proliferation and migration: its association with integrin β1 and p53 in human lung cancer cells. *Genes and Genomics*, **2011**, 33, 577-582	2.1	8
35	A Fermented Ginseng Extract, BST204, Inhibits Proliferation and Motility of Human Colon Cancer Cells. *Biomolecules and Therapeutics*, **2011**, 19, 211-217	4.2	12
34	Ginsenoside Rp1 Inhibits Proliferation and Migration of Human Lung Cancer Cells. *Biomolecules and Therapeutics*, **2011**, 19, 411-418	4.2	6
33	Depletion of embryonic stem cell signature by histone deacetylase inhibitor in NCCIT cells: involvement of Nanog suppression. *Cancer Research*, **2009**, 69, 5716-25	10.1	46
32	Histone deacetylase inhibitor induction of P-glycoprotein transcription requires both histone deacetylase 1 dissociation and recruitment of CAAT/enhancer binding protein beta and pCAF to the promoter region. *Molecular Cancer Research*, **2009**, 7, 735-44	6.6	31
31	Histone deacetylase inhibitor apicidin downregulates DNA methyltransferase 1 expression and induces repressive histone modifications via recruitment of corepressor complex to promoter region in human cervix cancer cells. *Oncogene*, **2008**, 27, 1376-86	9.2	59
30	TIMP-2 disrupts FGF-2-induced downstream signaling pathways. *Microvascular Research*, **2008**, 76, 145-51	3.7	40

29	TIMP1 induces CD44 expression and the activation and nuclear translocation of SHP1 during the late centrocyte/post-germinal center B cell differentiation. *Cancer Letters*, **2008**, 269, 37-45	9.9	12
28	Histone deacetylase inhibitor apicidin-mediated drug resistance: involvement of P-glycoprotein. *Biochemical and Biophysical Research Communications*, **2008**, 368, 959-64	3.4	29
27	Anti-metastatic potential of ginsenoside Rp1, a novel ginsenoside derivative. *Biological and Pharmaceutical Bulletin*, **2008**, 31, 1802-5	2.3	36
26	Suppression of the NF-kappaB signalling pathway by ergolide, sesquiterpene lactone, in HeLa cells. *Journal of Pharmacy and Pharmacology*, **2007**, 59, 561-6	4.8	16
25	Meliae cortex extract exhibits anti-allergic activity through the inhibition of Syk kinase in mast cells. *Toxicology and Applied Pharmacology*, **2007**, 220, 227-34	4.6	8
24	Mechanisms underlying TGF-beta1-induced expression of VEGF and Flk-1 in mouse macrophages and their implications for angiogenesis. *Journal of Leukocyte Biology*, **2007**, 81, 557-66	6.5	105
23	PKCepsilon is essential for gelsolin expression by histone deacetylase inhibitor apicidin in human cervix cancer cells. *Biochemical and Biophysical Research Communications*, **2007**, 354, 769-75	3.4	12
22	Reversal of multidrug resistance by 4-chloro-N-(3-((E)-3-(4-hydroxy-3-methoxyphenyl)acryloyl)phenyl)benzamide through the reversible inhibition of P-glycoprotein. *Biochemical and Biophysical Research Communications*, **2007**, 355, 136-42	3.4	23
21	Reversine stimulates adipocyte differentiation and downregulates Akt and p70(s6k) signaling pathways in 3T3-L1 cells. *Biochemical and Biophysical Research Communications*, **2007**, 358, 553-8	3.4	48
20	IL-4-induced AID expression and its relevance to IgA class switch recombination. *Biochemical and Biophysical Research Communications*, **2007**, 361, 398-403	3.4	22
19	Development of Evaluating Ways for the Efficacy of Anti-VEGF Biopharmaceuticals. *Immune Network*, **2007**, 7, 203	6.1	
18	Shp-1 mediates the antiproliferative activity of tissue inhibitor of metalloproteinase-2 in human microvascular endothelial cells. *Journal of Biological Chemistry*, **2006**, 281, 3711-21	5.4	114
17	Histone deacetylase inhibitor apicidin induces cyclin E expression through Sp1 sites. *Biochemical and Biophysical Research Communications*, **2006**, 342, 1168-73	3.4	39
16	Involvement of HDAC1 and the PI3K/PKC signaling pathways in NF-kappaB activation by the HDAC inhibitor apicidin. *Biochemical and Biophysical Research Communications*, **2006**, 347, 1088-93	3.4	27
15	Matrix Metalloproteinases in Tumor Progression **2006**, 143-158		
14	TIMP-2: an endogenous inhibitor of angiogenesis. *Trends in Molecular Medicine*, **2005**, 11, 97-103	11.5	138
13	Effect of a fermented ginseng extract, BST204, on the expression of cyclooxygenase-2 in murine macrophages. *International Immunopharmacology*, **2005**, 5, 929-36	5.8	34
12	Modulation of tumor-host interactions, angiogenesis, and tumor growth by tissue inhibitor of metalloproteinase 2 via a novel mechanism. *Cancer Research*, **2004**, 64, 4481-6	10.1	26

11	Tissue inhibitors of metalloproteinase 2 inhibits endothelial cell migration through increased expression of RECK. *Cancer Research*, **2004**, 64, 9062-9	10.1	96
10	Activation of p21-activated kinase 1 is required for lysophosphatidic acid-induced focal adhesion kinase phosphorylation and cell motility in human melanoma A2058 cells. *FEBS Journal*, **2004**, 271, 1557-65		27
9	Purification and characterization of nitric oxide synthase from Staphylococcus aureus. *FEMS Microbiology Letters*, **2003**, 222, 177-82	2.9	30
8	TIMP-2 mediated inhibition of angiogenesis: an MMP-independent mechanism. *Cell*, **2003**, 114, 171-80	56.2	427
7	Hydrogen peroxide mediates arsenite activation of p70(s6k) and extracellular signal-regulated kinase. *Experimental Cell Research*, **2003**, 290, 144-54	4.2	24
6	An endogenous proteinacious inhibitor in porcine liver for S-adenosyl-L-methionine dependent methylation reactions: identification as oligosaccharide-linked acyl carrier protein. *International Journal of Biochemistry and Cell Biology*, **2000**, 32, 455-64	5.6	2
5	Hydrogen peroxide activates p70(S6k) signaling pathway. *Journal of Biological Chemistry*, **1999**, 274, 32596-602	5.4	113
4	NO/cGMP pathway is involved in exocrine secretion from rat pancreatic acinar cells. *Archives of Pharmacal Research*, **1998**, 21, 657-63	6.1	17
3	Methylesters of L-arginine and N-nitro-L-arginine induce nitric oxide synthase in Staphylococcus aureus. *Biochemical and Biophysical Research Communications*, **1998**, 246, 431-5	3.4	18
2	Vasoactive intestinal peptide (VIP)-induced enzyme secretion in rat pancreatic tissue is not associated with activation of nitric oxide synthase (NOS) and increase in cyclic GMP level. *Archives of Pharmacal Research*, **1996**, 19, 201-206	6.1	
1	Effect of cholecystokinin-pancreozymin on the nitric oxide synthase activity and cyclic GMP level in rat pancreatic tissue. *Archives of Pharmacal Research*, **1995**, 18, 434-439	6.1	3