

Jong-Soon Kang

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

164 papers	3,521 citations	35 h-index	47 g-index
172 ext. papers	4,016 ext. citations	5.1 avg, IF	4.76 L-index

#	Paper	IF	Citations
164	Toll-like receptor 4-dependent activation of macrophages by polysaccharide isolated from the radix of <i>Platycodon grandiflorum</i> . <i>International Immunopharmacology</i> , 2003 , 3, 1873-82	5.8	106
163	A Variant of SLC1A5 Is a Mitochondrial Glutamine Transporter for Metabolic Reprogramming in Cancer Cells. <i>Cell Metabolism</i> , 2020 , 31, 267-283.e12	24.6	97
162	Protection against lipopolysaccharide-induced sepsis and inhibition of interleukin-1beta and prostaglandin E2 synthesis by silymarin. <i>Biochemical Pharmacology</i> , 2004 , 67, 175-81	6	93
161	Activation of macrophages by polysaccharide isolated from <i>Paecilomyces cicadae</i> through toll-like receptor 4. <i>Food and Chemical Toxicology</i> , 2012 , 50, 3190-7	4.7	76
160	Angelan isolated from <i>Angelica gigas</i> Nakai induces dendritic cell maturation through toll-like receptor 4. <i>International Immunopharmacology</i> , 2007 , 7, 78-87	5.8	74
159	Polysaccharide isolated from <i>Poria cocos sclerotium</i> induces NF-kappaB/Rel activation and iNOS expression through the activation of p38 kinase in murine macrophages. <i>International Immunopharmacology</i> , 2004 , 4, 1029-38	5.8	73
158	Glabridin, an isoflavan from licorice root, inhibits inducible nitric-oxide synthase expression and improves survival of mice in experimental model of septic shock. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 312, 1187-94	4.7	71
157	Costunolide inhibits interleukin-1beta expression by down-regulation of AP-1 and MAPK activity in LPS-stimulated RAW 264.7 cells. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 313, 171-73-4	3.4	65
156	Acidic polysaccharide from <i>Phellinus linteus</i> inhibits melanoma cell metastasis by blocking cell adhesion and invasion. <i>International Immunopharmacology</i> , 2006 , 6, 697-702	5.8	62
155	An increase in mouse tumor growth by an in vivo immunomodulating effect of titanium dioxide nanoparticles. <i>Journal of Immunotoxicology</i> , 2011 , 8, 56-67	3.1	59
154	Activation of mitogen-activated protein kinases and AP-1 by polysaccharide isolated from the radix of <i>Platycodon grandiflorum</i> in RAW 264.7 cells. <i>International Immunopharmacology</i> , 2004 , 4, 1477-87	5.8	56
153	Induction of dendritic cell maturation by β -glucan isolated from <i>Sparassis crispa</i> . <i>International Immunopharmacology</i> , 2010 , 10, 1284-94	5.8	54
152	Antagonism of aryl hydrocarbon receptor-dependent induction of CYP1A1 and inhibition of IgM expression by di-ortho-substituted polychlorinated biphenyls. <i>Toxicology and Applied Pharmacology</i> , 2003 , 187, 11-21	4.6	53
151	Cordlan polysaccharide isolated from mushroom <i>Cordyceps militaris</i> induces dendritic cell maturation through toll-like receptor 4 signalings. <i>Food and Chemical Toxicology</i> , 2010 , 48, 1926-33	4.7	51
150	Aryl hydrocarbon receptor-dependent inhibition of AP-1 activity by 2,3,7,8-tetrachlorodibenzo-p-dioxin in activated B cells. <i>Toxicology and Applied Pharmacology</i> , 2002 , 181, 116-23	4.6	51
149	Hepatoprotective effect of aged black garlic extract in rodents. <i>Toxicological Research</i> , 2014 , 30, 49-54	3.7	49
148	Antitumor activity of cytokine-induced killer cells against human lung cancer. <i>International Immunopharmacology</i> , 2007 , 7, 1802-7	5.8	48

147	Glabridin suppresses intercellular adhesion molecule-1 expression in tumor necrosis factor-alpha-stimulated human umbilical vein endothelial cells by blocking sphingosine kinase pathway: implications of Akt, extracellular signal-regulated kinase, and nuclear factor-kappaB/Rel signaling pathways. <i>Molecular Pharmacology</i> , 2006 , 69, 941-9	4.3	47
146	Control of leucine-dependent mTORC1 pathway through chemical intervention of leucyl-tRNA synthetase and RagD interaction. <i>Nature Communications</i> , 2017 , 8, 732	17.4	45
145	Sugiol inhibits STAT3 activity via regulation of transketolase and ROS-mediated ERK activation in DU145 prostate carcinoma cells. <i>Biochemical Pharmacology</i> , 2015 , 97, 38-50	6	45
144	B cell-activating factor is a novel diagnosis parameter for asthma. <i>International Archives of Allergy and Immunology</i> , 2006 , 141, 181-8	3.7	45
143	Pectic polysaccharide isolated from Angelica gigas Nakai inhibits melanoma cell metastasis and growth by directly preventing cell adhesion and activating host immune functions. <i>Cancer Letters</i> , 2006 , 243, 264-73	9.9	45
142	Evaluation of antidiabetic activity of polysaccharide isolated from Phellinus linteus in non-obese diabetic mouse. <i>International Immunopharmacology</i> , 2010 , 10, 72-8	5.8	43
141	Coordination of the leucine-sensing Rag GTPase cycle by leucyl-tRNA synthetase in the mTORC1 signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E5279-E5288	11.5	43
140	Anti-tumor activity of ex vivo expanded cytokine-induced killer cells against human hepatocellular carcinoma. <i>International Immunopharmacology</i> , 2007 , 7, 1793-801	5.8	39
139	Novel isatin-based hydroxamic acids as histone deacetylase inhibitors and antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2013 , 70, 477-86	6.8	38
138	Antiinflammatory activity of methanol extract isolated from stem bark of Magnolia kobus. <i>Phytotherapy Research</i> , 2008 , 22, 883-8	6.7	38
137	Induction of atopic eczema/dermatitis syndrome-like skin lesions by repeated topical application of a crude extract of Dermatophagoides pteronyssinus in NC/Nga mice. <i>International Immunopharmacology</i> , 2006 , 6, 1616-22	5.8	38
136	Silymarin inhibits TNF-alpha-induced expression of adhesion molecules in human umbilical vein endothelial cells. <i>FEBS Letters</i> , 2003 , 550, 89-93	3.8	38
135	Platycodon grandiflorum polysaccharide induces dendritic cell maturation via TLR4 signaling. <i>Food and Chemical Toxicology</i> , 2014 , 72, 212-20	4.7	37
134	Inhibition of bone marrow-derived dendritic cell maturation by glabridin. <i>International Immunopharmacology</i> , 2010 , 10, 1185-93	5.8	37
133	Adjuvant effect of a natural TLR4 ligand on dendritic cell-based cancer immunotherapy. <i>Cancer Letters</i> , 2011 , 313, 226-34	9.9	36
132	Inhibition of atopic dermatitis by topical application of silymarin in NC/Nga mice. <i>International Immunopharmacology</i> , 2008 , 8, 1475-80	5.8	36
131	Structure and property based design, synthesis and biological evaluation of lactam based HDAC inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 1218-21	2.9	35
130	Widdrol induces apoptosis via activation of AMP-activated protein kinase in colon cancer cells. <i>Oncology Reports</i> , 2012 , 27, 1407-12	3.5	35

129	Prevention of arthritic inflammation using an oriental herbal combination BDX-1 isolated from <i>Achyranthes bidentata</i> and <i>Atractylodes japonica</i> . <i>Archives of Pharmacal Research</i> , 2005 , 28, 902-8	6.1	35
128	Blue light effect on retinal pigment epithelial cells by display devices. <i>Integrative Biology (United Kingdom)</i> , 2017 , 9, 436-443	3.7	34
127	Violapyrones H and I, new cytotoxic compounds isolated from <i>Streptomyces</i> sp. associated with the marine starfish <i>Acanthaster planci</i> . <i>Marine Drugs</i> , 2014 , 12, 3283-91	6	34
126	Adoptive immunotherapy of human gastric cancer with ex vivo expanded T cells. <i>Archives of Pharmacal Research</i> , 2010 , 33, 1789-95	6.1	34
125	Inhibition of atopic dermatitis-like skin lesions by topical application of a novel ceramide derivative, K6PC-9p, in NC/Nga mice. <i>Experimental Dermatology</i> , 2008 , 17, 958-64	4	33
124	Suppression of IL-8 gene expression by radicicol is mediated through the inhibition of ERK1/2 and p38 signaling and negative regulation of NF-kappaB and AP-1. <i>International Immunopharmacology</i> , 2001 , 1, 1877-87	5.8	33
123	Vitamin D α 25(OH) ₂ upregulated protein 1 deficiency promotes N-methyl-N-nitrosourea and <i>Helicobacter pylori</i> -induced gastric carcinogenesis in mice. <i>Gut</i> , 2012 , 61, 53-63	19.2	31
122	Topical application of silymarin reduces chemical-induced irritant contact dermatitis in BALB/c mice. <i>International Immunopharmacology</i> , 2007 , 7, 1651-8	5.8	31
121	Identification and validation of a selective small molecule inhibitor targeting the diacylglycerol acyltransferase 2 activity. <i>Biological and Pharmaceutical Bulletin</i> , 2013 , 36, 1167-73	2.3	30
120	Equol inhibits nitric oxide production and inducible nitric oxide synthase gene expression through down-regulating the activation of Akt. <i>International Immunopharmacology</i> , 2007 , 7, 491-9	5.8	30
119	Estrogen receptor-independent inhibition of tumor necrosis factor- α gene expression by phytoestrogen equol is mediated by blocking nuclear factor-kappaB activation in mouse macrophages. <i>Biochemical Pharmacology</i> , 2005 , 71, 136-43	6	30
118	Improvement of high-fat diet-induced obesity by a mixture of red grape extract, soy isoflavone and L-carnitine: implications in cardiovascular and non-alcoholic fatty liver diseases. <i>Food and Chemical Toxicology</i> , 2011 , 49, 2453-8	4.7	29
117	Structure-activity relationship studies of a series of novel delta-lactam-based histone deacetylase inhibitors. <i>Journal of Medicinal Chemistry</i> , 2007 , 50, 2737-41	8.3	29
116	Cardiovascular protective effect of glabridin: Implications in LDL oxidation and inflammation. <i>International Immunopharmacology</i> , 2015 , 29, 914-918	5.8	26
115	Plasma pharmacokinetics and metabolism of the antitumour drug candidate 2Sbenzoyloxycinnamaldehyde in rats. <i>Xenobiotica</i> , 2009 , 39, 255-65	2	26
114	miR-6734 Up-Regulates p21 Gene Expression and Induces Cell Cycle Arrest and Apoptosis in Colon Cancer Cells. <i>PLoS ONE</i> , 2016 , 11, e0160961	3.7	26
113	Benproperine, an ARPC2 inhibitor, suppresses cancer cell migration and tumor metastasis. <i>Biochemical Pharmacology</i> , 2019 , 163, 46-59	6	25
112	Synthesis, bioevaluation and docking study of 5-substitutedphenyl-1,3,4-thiadiazole-based hydroxamic acids as histone deacetylase inhibitors and antitumor agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2014 , 29, 611-8	5.6	25

111	Antitumor activity of cytokine-induced killer cells in nude mouse xenograft model. <i>Archives of Pharmacal Research</i> , 2009 , 32, 781-7	6.1	25
110	Modification of cap group in delta-lactam-based histone deacetylase (HDAC) inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007 , 17, 6234-8	2.9	25
109	Synergistic anticancer efficacy of MEK inhibition and dual PI3K/mTOR inhibition in castration-resistant prostate cancer. <i>Prostate</i> , 2015 , 75, 1747-59	4.2	24
108	Protective effect of silymarin against ethanol-induced gastritis in rats: role of sulfhydryls, nitric oxide and gastric sensory afferents. <i>Food and Chemical Toxicology</i> , 2013 , 55, 353-7	4.7	24
107	Interactions at a dioxin responsive element (DRE) and an overlapping kappaB site within the hs4 domain of the 3 α immunoglobulin heavy chain enhancer. <i>Toxicology</i> , 2004 , 200, 235-46	4.4	24
106	Development of Novel 1,2,3,4-Tetrahydroquinoline Scaffolds as Potent NF- κ B Inhibitors and Cytotoxic Agents. <i>ACS Medicinal Chemistry Letters</i> , 2016 , 7, 385-90	4.3	23
105	Cytotoxic psammaphysin analogues from a Suberea sp. marine sponge and the role of the spirooxepinisoxazoline in their activity. <i>Journal of Natural Products</i> , 2013 , 76, 1731-6	4.9	23
104	Glabridin inhibits lipopolysaccharide-induced activation of a microglial cell line, BV-2, by blocking NF-kappaB and AP-1. <i>Phytotherapy Research</i> , 2010 , 24 Suppl 1, S29-34	6.7	23
103	Phenotypic and functional maturation of dendritic cells induced by polysaccharide isolated from Paecilomyces cicadae. <i>Journal of Medicinal Food</i> , 2011 , 14, 847-56	2.8	22
102	Discovery of thienopyrimidine-based FLT3 inhibitors from the structural modification of known IKK α inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 2655-60	2.9	21
101	Inhibition of phenotypic and functional maturation of dendritic cells by manassantin a. <i>Journal of Pharmacological Sciences</i> , 2009 , 109, 583-92	3.7	21
100	Synthesis and biological evaluation of novel thieno[2,3-d]pyrimidine-based FLT3 inhibitors as anti-leukemic agents. <i>European Journal of Medicinal Chemistry</i> , 2014 , 85, 399-407	6.8	20
99	Hepatic metabolism of sulfur amino acids in db/db mice. <i>Food and Chemical Toxicology</i> , 2013 , 53, 180-6	4.7	20
98	A novel delta-lactam-based histone deacetylase inhibitor, KBH-A42, induces cell cycle arrest and apoptosis in colon cancer cells. <i>Biochemical Pharmacology</i> , 2009 , 78, 486-94	6	20
97	Inhibition of human cervical carcinoma growth by cytokine-induced killer cells in nude mouse xenograft model. <i>International Immunopharmacology</i> , 2009 , 9, 375-80	5.8	20
96	Effective prevention of lethal acute graft-versus-host disease by combined immunosuppressive therapy with prodigiosin and cyclosporine A. <i>Biochemical Pharmacology</i> , 2005 , 70, 1518-26	6	20
95	New Ophiobolin Derivatives from the Marine Fungus and Their Cytotoxicities against Cancer Cells. <i>Marine Drugs</i> , 2019 , 17,	6	18
94	Tussilagone inhibits dendritic cell functions via induction of heme oxygenase-1. <i>International Immunopharmacology</i> , 2014 , 22, 400-8	5.8	18

93	Sophoricoside isolated from <i>Sophora japonica</i> ameliorates contact dermatitis by inhibiting NF- κ B signaling in B cells. <i>International Immunopharmacology</i> , 2013 , 15, 467-73	5.8	18
92	A combination of grape extract, green tea extract and L-carnitine improves high-fat diet-induced obesity, hyperlipidemia and non-alcoholic fatty liver disease in mice. <i>Phytotherapy Research</i> , 2011 , 25, 1789-95	6.7	18
91	Sulforaphane, a natural component of broccoli, inhibits vestibular schwannoma growth in vitro and in vivo. <i>Scientific Reports</i> , 2016 , 6, 36215	4.9	17
90	Artemisinin inhibits lipopolysaccharide-induced interferon- γ production in RAW 264.7 cells: implications on signal transducer and activator of transcription-1 signaling and nitric oxide production. <i>International Immunopharmacology</i> , 2012 , 14, 580-4	5.8	17
89	Design, synthesis and evaluation of novel N-hydroxybenzamides/N-hydroxypropenamides incorporating quinazolin-4(3H)-ones as histone deacetylase inhibitors and antitumor agents. <i>Bioorganic Chemistry</i> , 2018 , 76, 258-267	5.1	17
88	Bisphenol A and its substitutes regulate human B cell survival via Nrf2 expression. <i>Environmental Pollution</i> , 2020 , 259, 113907	9.3	16
87	Anti-tumor activity of WK88-1, a novel geldanamycin derivative, in gefitinib-resistant non-small cell lung cancers with Met amplification. <i>Cancer Science</i> , 2014 , 105, 1245-53	6.9	16
86	Structure-activity relationship of indoline-2-carboxylic acid N-(substituted)phenylamide derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 4620-3	2.9	16
85	Topical application of a novel ceramide derivative, K6PC-9, inhibits dust mite extract-induced atopic dermatitis-like skin lesions in NC/Nga mice. <i>International Immunopharmacology</i> , 2007 , 7, 1589-97	5.8	16
84	Lipid-soluble ginseng extract induces apoptosis and G0/G1 cell cycle arrest in NCI-H460 human lung cancer cells. <i>Plant Foods for Human Nutrition</i> , 2011 , 66, 101-6	3.9	15
83	Low dose estrogen supplementation reduces mortality of mice in estrogen-dependent human tumor xenograft model. <i>Biological and Pharmaceutical Bulletin</i> , 2009 , 32, 150-2	2.3	15
82	Design and synthesis of novel benzoxazole analogs as Aurora B kinase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 3067-3072	2.9	15
81	(E)-NSArylidene-2-(4-oxoquinazolin-4(3H)-yl) acetohydrazides: Synthesis and evaluation of antitumor cytotoxicity and caspase activation activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2019 , 34, 465-478	5.6	14
80	Suppression of RANKL-Induced Osteoclastogenesis by the Metabolites from the Marine Fungus <i>Aspergillus flocculosus</i> Isolated from a Sponge <i>Stylissa</i> sp. <i>Marine Drugs</i> , 2018 , 16,	6	14
79	Antidiabetic activity of angelan isolated from <i>Angelica gigas</i> Nakai. <i>Archives of Pharmacal Research</i> , 2008 , 31, 1489-96	6.1	14
78	Lanostane Triterpenes Isolated from <i>Antrodia heteromorpha</i> and Their Inhibitory Effects on RANKL-Induced Osteoclastogenesis. <i>Journal of Natural Products</i> , 2016 , 79, 1689-93	4.9	13
77	Differential role of peroxiredoxin II (PrxII) on the expression of toll-like receptor 4 (TLR4) and B-cell activating factor (BAFF) in ovalbumin (OVA)-induced mouse asthma. <i>International Immunopharmacology</i> , 2008 , 8, 935-44	5.8	13
76	Pharmacokinetics and metabolism of 4-O-methylhonokiol in rats. <i>Phytotherapy Research</i> , 2014 , 28, 568-76	7.7	12

75	Property based optimization of lactam HDAC inhibitors for metabolic stability. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 6808-11	2.9	12
74	Design, synthesis, and bioevaluation of novel oxoindolin-2-one derivatives incorporating 1-benzyl-1H-1,2,3-triazole. <i>Medicinal Chemistry Research</i> , 2020 , 29, 396-408	2.2	12
73	Novel 3,4-dihydro-4-oxoquinazoline-based acetohydrazides: Design, synthesis and evaluation of antitumor cytotoxicity and caspase activation activity. <i>Bioorganic Chemistry</i> , 2019 , 92, 103202	5.1	11
72	Dokdolipids A-C, Hydroxylated Rhamnolipids from the Marine-Derived Actinomycete. <i>Marine Drugs</i> , 2019 , 17,	6	11
71	Combination treatment of renal cell carcinoma with belinostat and 5-fluorouracil: a role for oxidative stress induced DNA damage and HSP90 regulated thymidine synthase. <i>Journal of Urology</i> , 2015 , 193, 1660-8	2.5	11
70	Inhibition of Skin Inflammation by Scytonemin, an Ultraviolet Sunscreen Pigment. <i>Marine Drugs</i> , 2020 , 18,	6	11
69	Lipid-soluble ginseng extract inhibits invasion and metastasis of B16F10 melanoma cells. <i>Journal of Medicinal Food</i> , 2015 , 18, 102-8	2.8	11
68	Agelasine D suppresses RANKL-induced osteoclastogenesis via down-regulation of c-Fos, NFATc1 and NF- κ B. <i>Marine Drugs</i> , 2014 , 12, 5643-56	6	11
67	Gene expression profiling of KBH-A42, a novel histone deacetylase inhibitor, in human leukemia and bladder cancer cell lines. <i>Oncology Letters</i> , 2012 , 3, 113-118	2.6	11
66	D-chiro-inositol negatively regulates the formation of multinucleated osteoclasts by down-regulating NFATc1. <i>Journal of Clinical Immunology</i> , 2012 , 32, 1360-71	5.7	11
65	Acetylaminofluorene inhibits nitric oxide production in LPS-stimulated RAW 264.7 cells by blocking NF-kappa B/Rel activation. <i>Toxicology Letters</i> , 1999 , 104, 195-202	4.4	11
64	Structural modifications at the 6-position of thieno[2,3-d]pyrimidines and their effects on potency at FLT3 for treatment of acute myeloid leukemia. <i>European Journal of Medicinal Chemistry</i> , 2016 , 120, 74-85	6.8	11
63	Synthetic strategy for increasing solubility of potential FLT3 inhibitor thieno[2,3-d]pyrimidine derivatives through structural modifications at the C and C positions. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 496-500	2.9	10
62	Quinazoline-Based Hydroxamic Acids: Design, Synthesis, and Evaluation of Histone Deacetylase Inhibitory Effects and Cytotoxicity. <i>Chemistry and Biodiversity</i> , 2018 , 15, e1800027	2.5	10
61	Small activating RNA induced expression of VHL gene in renal cell carcinoma. <i>International Journal of Biochemistry and Cell Biology</i> , 2018 , 97, 36-42	5.6	10
60	Cytokine-induced killer cells interact with tumor lysate-pulsed dendritic cells via CCR5 signaling. <i>Cancer Letters</i> , 2016 , 378, 142-9	9.9	10
59	Cytotoxic Drimane Sesquiterpenoids Isolated from <i>Perenniporia maackiae</i> . <i>Journal of Natural Products</i> , 2018 , 81, 1444-1450	4.9	9
58	Resorcinosides A and B, Glycosylated Alkylresorcinols from a Marine-Derived Strain of the Fungus. <i>Journal of Natural Products</i> , 2019 , 82, 3186-3190	4.9	9

57	Validation of cyclooxygenase-2 as a direct anti-inflammatory target of 4-O-methylhonokiol in zymosan-induced animal models. <i>Archives of Pharmacal Research</i> , 2015 , 38, 813-25	6.1	9
56	DBM1285 suppresses tumor necrosis factor alpha production by blocking p38 mitogen-activated protein kinase/mitogen-activated protein kinase-activated protein kinase 2 signaling pathway. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010 , 334, 657-64	4.7	9
55	Breast cancer cells evade paclitaxel-induced cell death by developing resistance to dasatinib. <i>Oncology Letters</i> , 2016 , 12, 2153-2158	2.6	9
54	Phenazine Derivatives with Anti-Inflammatory Activity from the Deep-Sea Sediment-Derived Yeast-Like Fungus IV17-028. <i>Marine Drugs</i> , 2019 , 17,	6	8
53	Bisabolangelone inhibits dendritic cell functions by blocking MAPK and NF- κ B signaling. <i>Food and Chemical Toxicology</i> , 2013 , 59, 26-33	4.7	8
52	Cytotoxic petrosiacetylenes from the marine sponge <i>Petrosia</i> sp. <i>Lipids</i> , 2013 , 48, 87-91	1.6	8
51	Protein kinase C stimulates human B cell activating factor gene expression through reactive oxygen species-dependent c-Fos in THP-1 pro-monocytic cells. <i>Cytokine</i> , 2012 , 59, 115-23	4	8
50	Feasibility of FAIR imaging for evaluating tumor perfusion. <i>Journal of Magnetic Resonance Imaging</i> , 2010 , 32, 738-44	5.6	8
49	Evaluation of Immunotoxicity of Shizukaol B Isolated from <i>Chloranthus japonicus</i> . <i>Biomolecules and Therapeutics</i> , 2011 , 19, 59-64	4.2	8
48	Exploration of certain 1,3-oxazole- and 1,3-thiazole-based hydroxamic acids as histone deacetylase inhibitors and antitumor agents. <i>Bioorganic Chemistry</i> , 2020 , 101, 103988	5.1	7
47	Transition-metal-free, atom-economical cascade synthesis of novel 2-sulfonated-benzo[f][1,7]naphthyridines and their cytotoxic activities. <i>Tetrahedron</i> , 2018 , 74, 1646-1654	2.4	7
46	Effusanin C inhibits inflammatory responses via blocking NF- κ B and MAPK signaling in monocytes. <i>International Immunopharmacology</i> , 2013 , 15, 84-8	5.8	7
45	Design, synthesis and biological evaluation of 1,3-diphenylbenzo[f][1,7]naphthyridines. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 5586-5597	3.4	7
44	Anti-Obesity Effects of Spiramycin In Vitro and In Vivo. <i>PLoS ONE</i> , 2016 , 11, e0158632	3.7	7
43	Development of 13H-benzo[f]chromeno[4,3-b][1,7]naphthyridines and their salts as potent cytotoxic agents and topoisomerase I/II inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2018 , 26, 5181-5193	3.4	7
42	KBH-A42, a histone deacetylase inhibitor, inhibits the growth of doxorubicin-resistant leukemia cells expressing P-glycoprotein. <i>Oncology Reports</i> , 2010 , 23, 801-9	3.5	7
41	Improving potency and metabolic stability by introducing an alkenyl linker to pyridine-based histone deacetylase inhibitors for orally available RUNX3 modulators. <i>European Journal of Medicinal Chemistry</i> , 2017 , 126, 997-1010	6.8	6
40	Suvanine analogs from a <i>Coscinoderma</i> sp. marine sponge and their cytotoxicities against human cancer cell lines. <i>Archives of Pharmacal Research</i> , 2015 , 38, 1005-10	6.1	6

39	Cytotoxic sesterterpenoids isolated from the marine sponge <i>Scalarispongia</i> sp. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 20045-53	6.3	6
38	Halenaquinone Derivatives from Tropical Marine Sponge <i>Xestospongia</i> sp.. <i>Heterocycles</i> , 2012 , 85, 895	0.8	6
37	Is apparent diffusion coefficient reliable and accurate for monitoring effects of antiangiogenic treatment in a longitudinal study?. <i>Journal of Magnetic Resonance Imaging</i> , 2012 , 35, 1430-6	5.6	6
36	Differential anti-inflammatory and analgesic effects by enantiomers of zaltoprofen in rodents. <i>International Immunopharmacology</i> , 2013 , 16, 457-60	5.8	6
35	Early assessment of tumor response to JAC106, an anti-tubulin agent, by ³⁵ Sdeoxy- ³⁵ S[³ H]fluorothymidine in preclinical tumor models. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011 , 38, 1436-48	8.8	6
34	Inhibition of skin inflammation and atopic dermatitis by topical application of a novel ceramide derivative, K112PC-5, in mice. <i>Archives of Pharmacal Research</i> , 2008 , 31, 1004-9	6.1	6
33	5-aryl-1,3,4-thiadiazole-based hydroxamic acids as histone deacetylase inhibitors and antitumor agents: synthesis, bioevaluation and docking study. <i>Medicinal Chemistry</i> , 2015 , 11, 296-304	1.8	6
32	Methanolic Extract Isolated from Root of <i>Lycoris aurea</i> Inhibits Cancer Cell Growth and Endothelial Cell Tube Formation In Vitro. <i>Toxicological Research</i> , 2012 , 28, 33-8	3.7	6
31	NS[(E)-Arylidene]-2-(2,3-dihydro-3-oxo-4H-1,4-benzoxazin-4-yl)-acetohydrazides: Synthesis and Evaluation of Caspase Activation Activity and Cytotoxicity. <i>Chemistry and Biodiversity</i> , 2018 , 15, e1800322	2.5	5
30	Inhibition of TAK1 by kamebakaurin in dendritic cells. <i>International Immunopharmacology</i> , 2013 , 15, 138-43	4.3	5
29	Design, synthesis and evaluation of novel indirubin-based N-hydroxybenzamides, N-hydroxypropenamides and N-hydroxyheptanamides as histone deacetylase inhibitors and antitumor agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020 , 30, 127537	2.9	5
28	Design and synthesis of 2,3-dihydro- and 5-chloro-2,3-dihydro-naphtho-[1,2-b]furan-2-carboxylic acid N-(substitutedphenyl)amide analogs and their biological activities as inhibitors of NF- κ B activity and anticancer agents. <i>Archives of Pharmacal Research</i> , 2016 , 39, 618-30	6.1	5
27	Novel hydroxamic acids incorporating 1-((1H-1,2,3-Triazol-4-yl)methyl)-3-hydroxyimino-indolin-2-ones: synthesis, biological evaluation, and SAR analysis. <i>Journal of Chemical Sciences</i> , 2018 , 130, 1	1.8	5
26	New Acetohydrazides Incorporating 2-Oxoindoline and 4-Oxoquinazoline: Synthesis and Evaluation of Cytotoxicity and Caspase Activation Activity. <i>Chemistry and Biodiversity</i> , 2020 , 17, e1900670	2.5	4
25	MAM domain containing 2 is a potential breast cancer biomarker that exhibits tumour-suppressive activity. <i>Cell Proliferation</i> , 2020 , 53, e12883	7.9	4
24	Quinazolin-4(3H)-one-Based Hydroxamic Acids: Design, Synthesis and Evaluation of Histone Deacetylase Inhibitory Effects and Cytotoxicity. <i>Chemistry and Biodiversity</i> , 2019 , 16, e1800502	2.5	4
23	Discovery of Orally Available Runt-Related Transcription Factor 3 (RUNX3) Modulators for Anticancer Chemotherapy by Epigenetic Activation and Protein Stabilization. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 3512-21	8.3	3
22	Chemosensitivity to HM90822, a novel synthetic IAP antagonist, is determined by p-AKT-inducible XIAP phosphorylation in human pancreatic cancer cells. <i>Investigational New Drugs</i> , 2020 , 38, 1696-1706	4.3	3

21	-Derived Drimane Sesquiterpenoids That Inhibit Osteoclast Differentiation. <i>Journal of Natural Products</i> , 2019 , 82, 2835-2841	4.9	3
20	NgR1 Expressed in P19 Embryonal Carcinoma Cells Differentiated by Retinoic Acid Can Activate STAT3. <i>Korean Journal of Physiology and Pharmacology</i> , 2015 , 19, 105-9	1.8	3
19	2-Acetylaminofluorene inhibits interleukin-1beta production in LPS-stimulated macrophages by blocking NF-kappaB/Rel activation. <i>Cancer Letters</i> , 2004 , 203, 91-8	9.9	3
18	subsp. YB0411 Inhibits Adipogenesis in 3T3-L1 Pre-adipocytes and Reduces High-Fat-Diet-Induced Obesity in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2021 , 69, 6032-6042	5.7	3
17	Novel GPR43 Agonists Exert an Anti-Inflammatory Effect in a Colitis Model. <i>Biomolecules and Therapeutics</i> , 2021 ,	4.2	3
16	Polyketides and Meroterpenes from the Marine-Derived Fungi 158SC-067 and 01NT-1.1.5 and Their Cytotoxic and Antioxidant Activities. <i>Marine Drugs</i> , 2021 , 19,	6	3
15	Design, Synthesis and Bioevaluation of Two Series of 3-[(1-Benzyl-1H-1,2,3-triazol-4-yl)methyl]quinazolin-4(3H)-ones and N-(1-Benzylpiperidin-4-yl)quinazolin-4-amines. <i>Chemistry and Biodiversity</i> , 2020 , 17, e2000290	2.5	2
14	Multi-paratopic VEGF decoy receptor have superior anti-tumor effects through anti-EGFRs and targeted anti-angiogenic activities. <i>Biomaterials</i> , 2018 , 171, 34-45	15.6	2
13	Hypothemycin inhibits tumor necrosis factor- α production by tristetraprolin-dependent down-regulation of mRNA stability in lipopolysaccharide-stimulated macrophages. <i>International Immunopharmacology</i> , 2015 , 29, 863-868	5.8	2
12	Cytokine-induced killer cells hunt individual cancer cells in droves in a mouse model. <i>Cancer Immunology, Immunotherapy</i> , 2017 , 66, 193-202	7.4	2
11	Testing Cell-Based Immunotherapy for Colorectal Cancer. <i>Methods in Molecular Biology</i> , 2018 , 1765, 299-305	3.5	1
10	Design, synthesis, and evaluation of novel -substituted-1-(4-chlorobenzyl)-1-indol-3-carbohydrazides as antitumor agents. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020 , 35, 1854-1865	5.6	1
9	Structure-based modification of pyrazolone derivatives to inhibit mTORC1 by targeting the leucyl-tRNA synthetase-RagD interaction. <i>Bioorganic Chemistry</i> , 2021 , 112, 104907	5.1	1
8	Determination of Penicillium griseofulvum-oriented pyripyropene A, a selective inhibitor of acyl-coenzyme A:cholesterol acyltransferase 2, in mouse plasma using liquid chromatography-tandem mass spectrometry and its application to pharmacokinetic studies. <i>Biomedical Chromatography</i> , 2019 , 33, e4388	1.7	1
7	Design, synthesis, and biological evaluation of potent 1,2,3,4-tetrahydroisoquinoline derivatives as anticancer agents targeting NF- κ B signaling pathway. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 46, 116371	2.4	0
6	Errata for Biological and Pharmaceutical Bulletin. <i>Biological and Pharmaceutical Bulletin</i> , 2014 , 37, 707-707	3.3	0
5	Betaine Supplementation Improves Beneficial Effects of Boxthorn (Lycium chinense Mill.) Leaf on Body Weight/Body Fat Increase and Plasma/Liver Triglycerides Accumulation in High-Fat Diet-Fed C57BL/6 Mice. <i>Journal of Food Biochemistry</i> , 2014 , 38, 620-626	3.3	0
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