

# Jong-Soon Kang

## List of Publications by Year in descending order

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172  
papers

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citations

101543

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172  
docs citations

172  
times ranked

6191  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Variant of SLC1A5 Is a Mitochondrial Glutamine Transporter for Metabolic Reprogramming in Cancer Cells. <i>Cell Metabolism</i> , 2020, 31, 267-283.e12.	16.2	220
2	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, 1873-1882.	3.8	121
3	Protection against lipopolysaccharide-induced sepsis and inhibition of interleukin-1 $\beta$ and prostaglandin E2 synthesis by silymarin. <i>Biochemical Pharmacology</i> , 2004, 67, 175-181.	4.4	105
4	Activation of macrophages by polysaccharide isolated from <i>Paecilomyces cicadae</i> through toll-like receptor 4. <i>Food and Chemical Toxicology</i> , 2012, 50, 3190-3197.	3.6	95
5	Polysaccharide isolated from <i>Poria cocos sclerotium</i> induces NF- $\kappa$ B/Rel activation and iNOS expression through the activation of p38 kinase in murine macrophages. <i>International Immunopharmacology</i> , 2004, 4, 1029-1038.	3.8	88
6	Costunolide inhibits interleukin-1 $\beta$ 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, 171-177.	2.1	85
7	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.	3.8	85
8	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, 1187-1194.	2.5	81
9	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.	3.8	73
10	Control of leucine-dependent mTORC1 pathway through chemical intervention of leucyl-tRNA synthetase and RagD interaction. <i>Nature Communications</i> , 2017, 8, 732.	12.8	71
11	An increase in mouse tumor growth by an <i>in vivo</i> immunomodulating effect of titanium dioxide nanoparticles. <i>Journal of Immunotoxicology</i> , 2011, 8, 56-67.	1.7	67
12	Blue light effect on retinal pigment epithelial cells by display devices. <i>Integrative Biology (United Kingdom)</i> , 2013, 5, 113-118.	1.3	66
13	Evaluation of antidiabetic activity of polysaccharide isolated from <i>Phellinus linteus</i> in non-obese diabetic mouse. <i>International Immunopharmacology</i> , 2010, 10, 72-78.	3.8	64
14	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, 1477-1487.	3.8	63
15	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, 1926-1933.	3.6	60
16	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.	7.1	60
17	Antagonism of aryl hydrocarbon receptor-dependent induction of CYP1A1 and inhibition of IgM expression by di-ortho-substituted polychlorinated biphenyls. This work was supported in part by funds from the National Institutes of Health Grant ES02520 and P42ES04911 and by a G7 Project Grant from the Ministry of Environment, Korea. <i>Toxicology and Applied Pharmacology</i> , 2003, 187, 11-21.	2.8	58
18	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- $\kappa$ B/Rel Signaling Pathways. <i>Molecular Pharmacology</i> , 2006, 69, 941-949.	2.3	58

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19	Induction of dendritic cell maturation by $\beta$ -glucan isolated from <i>Sparassis crispa</i> . <i>International Immunopharmacology</i> , 2010, 10, 1284-1294.	3.8	57
20	Hepatoprotective Effect of Aged Black Garlic Extract in Rodents. <i>Toxicological Research</i> , 2014, 30, 49-54.	2.1	56
21	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, 116-123.	2.8	55
22	Platycodon grandiflorum polysaccharide induces dendritic cell maturation via TLR4 signaling. <i>Food and Chemical Toxicology</i> , 2014, 72, 212-220.	3.6	55
23	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.	4.4	55
24	Antitumor activity of cytokine-induced killer cells against human lung cancer. <i>International Immunopharmacology</i> , 2007, 7, 1802-1807.	3.8	53
25	B Cell-Activating Factor Is a Novel Diagnosis Parameter for Asthma. <i>International Archives of Allergy and Immunology</i> , 2006, 141, 181-188.	2.1	49
26	Pectic polysaccharide isolated from <i>Angelica gigas</i> Nakai inhibits melanoma cell metastasis and growth by directly preventing cell adhesion and activating host immune functions. <i>Cancer Letters</i> , 2006, 243, 264-273.	7.2	47
27	Novel isatin-based hydroxamic acids as histone deacetylase inhibitors and antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 477-486.	5.5	44
28	Silymarin inhibits TNF $\alpha$ -induced expression of adhesion molecules in human umbilical vein endothelial cells. <i>FEBS Letters</i> , 2003, 550, 89-93.	2.8	43
29	Anti-tumor activity of ex vivo expanded cytokine-induced killer cells against human hepatocellular carcinoma. <i>International Immunopharmacology</i> , 2007, 7, 1793-1801.	3.8	43
30	Vitamin D <sub>3</sub> 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.	12.1	43
31	Antiinflammatory activity of methanol extract isolated from stem bark of <i>Magnolia kobus</i> . <i>Phytotherapy Research</i> , 2008, 22, 883-888.	5.8	42
32	Inhibition of bone marrow-derived dendritic cell maturation by glabridin. <i>International Immunopharmacology</i> , 2010, 10, 1185-1193.	3.8	42
33	Induction of atopic eczema/dermatitis syndrome-like skin lesions by repeated topical application of a crude extract of <i>Dermatophagoides pteronyssinus</i> in NC/Nga mice. <i>International Immunopharmacology</i> , 2006, 6, 1616-1622.	3.8	41
34	Benproperine, an ARPC2 inhibitor, suppresses cancer cell migration and tumor metastasis. <i>Biochemical Pharmacology</i> , 2019, 163, 46-59.	4.4	41
35	Adjuvant effect of a natural TLR4 ligand on dendritic cell-based cancer immunotherapy. <i>Cancer Letters</i> , 2011, 313, 226-234.	7.2	39
36	Inhibition of atopic dermatitis by topical application of silymarin in NC/Nga mice. <i>International Immunopharmacology</i> , 2008, 8, 1475-1480.	3.8	38

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37	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, 3283-3291.	4.6	38
38	Cardiovascular protective effect of glabridin: Implications in LDL oxidation and inflammation. <i>International Immunopharmacology</i> , 2015, 29, 914-918.	3.8	38
39	New Ophiobolin Derivatives from the Marine Fungus <i>Aspergillus flocculosus</i> and Their Cytotoxicities against Cancer Cells. <i>Marine Drugs</i> , 2019, 17, 346.	4.6	37
40	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, 902-908.	6.3	36
41	Inhibition of atopic dermatitis-like skin lesions by topical application of a novel ceramide derivative, K6PC $\epsilon$ 9p, in NC/Nga mice. <i>Experimental Dermatology</i> , 2008, 17, 958-964.	2.9	36
42	Structure and property based design, synthesis and biological evaluation of $\beta$ -lactam based HDAC inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 1218-1221.	2.2	36
43	Widdrol induces apoptosis via activation of AMP-activated protein kinase in colon cancer cells. <i>Oncology Reports</i> , 2012, 27, 1407-12.	2.6	36
44	Suppression of IL-8 gene expression by radicicol is mediated through the inhibition of ERK1/2 and p38 signaling and negative regulation of NF- $\kappa$ B and AP-1. <i>International Immunopharmacology</i> , 2001, 1, 1877-1887.	3.8	35
45	Estrogen receptor-independent inhibition of tumor necrosis factor- $\alpha$ gene expression by phytoestrogen equol is mediated by blocking nuclear factor- $\kappa$ B activation in mouse macrophages. <i>Biochemical Pharmacology</i> , 2005, 71, 136-143.	4.4	35
46	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, 491-499.	3.8	35
47	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, 2453-2458.	3.6	35
48	Synergistic anticancer efficacy of MEK inhibition and dual PI3K/mTOR inhibition in castration-resistant prostate cancer. <i>Prostate</i> , 2015, 75, 1747-1759.	2.3	35
49	Topical application of silymarin reduces chemical-induced irritant contact dermatitis in BALB/c mice. <i>International Immunopharmacology</i> , 2007, 7, 1651-1658.	3.8	34
50	Adoptive immunotherapy of human gastric cancer with ex vivo expanded T cells. <i>Archives of Pharmacal Research</i> , 2010, 33, 1789-1795.	6.3	34
51	Identification and Validation of a Selective Small Molecule Inhibitor Targeting the Diacylglycerol Acyltransferase 2 Activity. <i>Biological and Pharmaceutical Bulletin</i> , 2013, 36, 1167-1173.	1.4	34
52	Glabridin inhibits lipopolysaccharide-induced activation of a microglial cell line, BV $\mu$ 2, by blocking NF- $\kappa$ B and AP-1. <i>Phytotherapy Research</i> , 2010, 24, S29-34.	5.8	33
53	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.	2.5	33
54	Plasma pharmacokinetics and metabolism of the antitumour drug candidate 2- $\beta$ -benzoyloxycinnamaldehyde in rats. <i>Xenobiotica</i> , 2009, 39, 255-265.	1.1	31

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55	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, 611-618.	5.2	31
56	Design, synthesis and evaluation of novel N -hydroxybenzamides/ N -hydroxypropenamides incorporating quinazolin-4(3 H )-ones as histone deacetylase inhibitors and antitumor agents. <i>Bioorganic Chemistry</i> , 2018, 76, 258-267.	4.1	31
57	Bisphenol A and its substitutes regulate human B cell survival via Nrf2 expression. <i>Environmental Pollution</i> , 2020, 259, 113907.	7.5	31
58	Development of Novel 1,2,3,4-Tetrahydroquinoline Scaffolds as Potent NF- $\kappa$ B Inhibitors and Cytotoxic Agents. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 385-390.	2.8	30
59	Structure-Activity Relationship Studies of a Series of Novel $\beta$ -Lactam-Based Histone Deacetylase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 2737-2741.	6.4	29
60	Cytotoxic Psammaphysin Analogues from a <i>Suberea</i> sp. Marine Sponge and the Role of the Spirooxepinisoaxazoline in Their Activity. <i>Journal of Natural Products</i> , 2013, 76, 1731-1736.	3.0	29
61	Modification of cap group in $\beta$ -lactam-based histone deacetylase (HDAC) inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2007, 17, 6234-6238.	2.2	27
62	Antitumor activity of cytokine-induced killer cells in nude mouse xenograft model. <i>Archives of Pharmacal Research</i> , 2009, 32, 781-787.	6.3	27
63	Phenotypic and Functional Maturation of Dendritic Cells Induced by Polysaccharide Isolated from <i>Paecilomyces cicadae</i> . <i>Journal of Medicinal Food</i> , 2011, 14, 847-856.	1.5	27
64	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, 353-357.	3.6	27
65	Interactions at a dioxin responsive element (DRE) and an overlapping $\beta$ site within the hs4 domain of the 3 $\alpha$ -immunoglobulin heavy chain enhancer. <i>Toxicology</i> , 2004, 200, 235-246.	4.2	25
66	Effective prevention of lethal acute graft-versus-host disease by combined immunosuppressive therapy with prodigiosin and cyclosporine A. <i>Biochemical Pharmacology</i> , 2005, 70, 1518-1526.	4.4	25
67	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, 14.	4.6	25
68	Sophoricoside isolated from <i>Sophora japonica</i> ameliorates contact dermatitis by inhibiting NF- $\kappa$ B signaling in B cells. <i>International Immunopharmacology</i> , 2013, 15, 467-473.	3.8	24
69	Hepatic metabolism of sulfur amino acids in db/db mice. <i>Food and Chemical Toxicology</i> , 2013, 53, 180-186.	3.6	24
70	Discovery of thienopyrimidine-based FLT3 inhibitors from the structural modification of known IKK $\beta$ inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 2655-2660.	2.2	23
71	Inhibition of human cervical carcinoma growth by cytokine-induced killer cells in nude mouse xenograft model. <i>International Immunopharmacology</i> , 2009, 9, 375-380.	3.8	22
72	Inhibition of Phenotypic and Functional Maturation of Dendritic Cells by Manassantin A. <i>Journal of Pharmacological Sciences</i> , 2009, 109, 583-592.	2.5	22

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73	Anti-tumor activity of <i>Wk-1</i> , a novel geldanamycin derivative, in gefitinib-resistant non-small cell lung cancers with Met amplification. <i>Cancer Science</i> , 2014, 105, 1245-1253.	3.9	22
74	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.	5.5	22
75	Tussilagone inhibits dendritic cell functions via induction of heme oxygenase-1. <i>International Immunopharmacology</i> , 2014, 22, 400-408.	3.8	22
76	Sulforaphane, a natural component of broccoli, inhibits vestibular schwannoma growth in vitro and in vivo. <i>Scientific Reports</i> , 2016, 6, 36215.	3.3	22
77	A novel $\beta$ -lactam-based histone deacetylase inhibitor, KBH-A42, induces cell cycle arrest and apoptosis in colon cancer cells. <i>Biochemical Pharmacology</i> , 2009, 78, 486-494.	4.4	21
78	Design and synthesis of novel benzoxazole analogs as Aurora B kinase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 3067-3072.	2.2	21
79	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, 1789-1795.	5.8	20
80	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, 1589-1597.	3.8	19
81	Artemisinin inhibits lipopolysaccharide-induced interferon- $\gamma$ 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, 580-584.	3.8	19
82	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, 1660-1668.	0.4	19
83	Breast cancer cells evade paclitaxel-induced cell death by developing resistance to dasatinib. <i>Oncology Letters</i> , 2016, 12, 2153-2158.	1.8	19
84	Quinazoline-based Hydroxamic Acids: Design, Synthesis, and Evaluation of Histone Deacetylase Inhibitory Effects and Cytotoxicity. <i>Chemistry and Biodiversity</i> , 2018, 15, e1800027.	2.1	18
85	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.	4.1	18
86	(E)-N'-Arylidene-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.	5.2	18
87	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.	4.1	18
88	Antidiabetic activity of angelan isolated from <i>Angelica gigas</i> Nakai. <i>Archives of Pharmacal Research</i> , 2008, 31, 1489-1496.	6.3	17
89	Low Dose Estrogen Supplementation Reduces Mortality of Mice in Estrogen-Dependent Human Tumor Xenograft Model. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 150-152.	1.4	17
90	Structure-activity relationship of indoline-2-carboxylic acid N-(substituted)phenylamide derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 4620-4623.	2.2	17

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91	Agelasine D Suppresses RANKL-Induced Osteoclastogenesis via Down-Regulation of c-Fos, NFATc1 and NF- $\kappa$ B. <i>Marine Drugs</i> , 2014, 12, 5643-5656.	4.6	17
92	Cytokine-induced killer cells interact with tumor lysate-pulsed dendritic cells via CCR5 signaling. <i>Cancer Letters</i> , 2016, 378, 142-149.	7.2	17
93	Cytotoxic Drimane Sesquiterpenoids Isolated from <i>Perenniporia maackiae</i> . <i>Journal of Natural Products</i> , 2018, 81, 1444-1450.	3.0	17
94	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.	2.4	17
95	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, 935-944.	3.8	16
96	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, 101-106.	3.2	16
97	Dokdolipids A-C, Hydroxylated Rhamnolipids from the Marine-Derived Actinomycete <i>Actinoalloteichus hymeniacidonis</i> . <i>Marine Drugs</i> , 2019, 17, 237.	4.6	16
98	Inhibition of Skin Inflammation by Scytonemin, an Ultraviolet Sunscreen Pigment. <i>Marine Drugs</i> , 2020, 18, 300.	4.6	16
99	D-chiro-inositol Negatively Regulates the Formation of Multinucleated Osteoclasts by Down-Regulating NFATc1. <i>Journal of Clinical Immunology</i> , 2012, 32, 1360-1371.	3.8	15
100	Lanostane Triterpenes Isolated from <i>Antrodia heteromorpha</i> and Their Inhibitory Effects on RANKL-Induced Osteoclastogenesis. <i>Journal of Natural Products</i> , 2016, 79, 1689-1693.	3.0	15
101	MAM domain containing 2 is a potential breast cancer biomarker that exhibits tumour-suppressive activity. <i>Cell Proliferation</i> , 2020, 53, e12883.	5.3	14
102	Pharmacokinetics and Metabolism of 4-Methylhonokiol in Rats. <i>Phytotherapy Research</i> , 2014, 28, 568-578.	5.8	13
103	Lipid-Soluble Ginseng Extract Inhibits Invasion and Metastasis of B16F10 Melanoma Cells. <i>Journal of Medicinal Food</i> , 2015, 18, 102-108.	1.5	13
104	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.	5.5	13
105	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.	2.8	13
106	Resorcinosides A and B, Glycosylated Alkylresorcinols from a Marine-Derived Strain of the Fungus <i>Penicillium janthinellum</i> . <i>Journal of Natural Products</i> , 2019, 82, 3186-3190.	3.0	13
107	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.	0.8	12
108	Property based optimization of $\beta$ -lactam HDAC inhibitors for metabolic stability. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 6808-6811.	2.2	12

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109	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.	1.8	12
110	Synthetic strategy for increasing solubility of potential FLT3 inhibitor thieno[2,3-d]pyrimidine derivatives through structural modifications at the C2 and C6 positions. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 496-500.	2.2	12
111	Development of 13H-benzo[f]chromeno[4,3-b][1,7]naphthyridines and their salts as potent cytotoxic agents and topoisomerase I/III± inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5181-5193.	3.0	12
112	Quinazolinone-Based Hydroxamic Acids: Design, Synthesis and Evaluation of Histone Deacetylase Inhibitory Effects and Cytotoxicity. <i>Chemistry and Biodiversity</i> , 2019, 16, e1800502.	2.1	12
113	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.	2.2	12
114	Novel GPR43 Agonists Exert an Anti-Inflammatory Effect in a Colitis Model. <i>Biomolecules and Therapeutics</i> , 2021, , .	2.4	12
115	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, 813-825.	6.3	11
116	Phenazine Derivatives with Anti-Inflammatory Activity from the Deep-Sea Sediment-Derived Yeast-Like Fungus <i>Cystobasidium laryngis</i> IV17-028. <i>Marine Drugs</i> , 2019, 17, 482.	4.6	11
117	Evaluation of Immunotoxicity of Shizukaol B Isolated from <i>Chloranthus japonicus</i> . <i>Biomolecules and Therapeutics</i> , 2011, 19, 59-64.	2.4	11
118	DBM1285 Suppresses Tumor Necrosis Factor ± 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, 657-664.	2.5	10
119	<i>Bifidobacterium longum</i> subsp. <i>infantis</i> 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.	5.2	10
120	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, 1004-1009.	6.3	9
121	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, 115-123.	3.2	9
122	Cytotoxic Petrosiacetylenes from the Marine Sponge <i>Petrosia</i> sp.. <i>Lipids</i> , 2013, 48, 87-91.	1.7	9
123	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-κB activity and anticancer agents. <i>Archives of Pharmacal Research</i> , 2016, 39, 618-630.	6.3	9
124	Design, synthesis and biological evaluation of 1,3-diphenylbenzo[f][1,7]naphthyridines. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 5586-5597.	3.0	9
125	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.	1.5	9
126	Feasibility of FAIR imaging for evaluating tumor perfusion. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 32, 738-744.	3.4	8



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161	Cytokine-induced killer cells hunt individual cancer cells in droves in a mouse model. <i>Cancer Immunology, Immunotherapy</i> , 2017, 66, 193-202.	4.2	2
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