

Jin-Tae Hong

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5523017/jin-tae-hong-publications-by-citations.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

403
papers

11,162
citations

50
h-index

85
g-index

419
ext. papers

13,028
ext. citations

5.5
avg, IF

6.29
L-index

#	Paper	IF	Citations
403	Neuro-inflammation induced by lipopolysaccharide causes cognitive impairment through enhancement of beta-amyloid generation. <i>Journal of Neuroinflammation</i> , 2008 , 5, 37	10.1	480
402	Therapeutic application of anti-arthritis, pain-releasing, and anti-cancer effects of bee venom and its constituent compounds 2007 , 115, 246-70		361
401	Inflammation and Alzheimer's disease. <i>Archives of Pharmacal Research</i> , 2010 , 33, 1539-56	6.1	306
400	Roles of NF- κ B in Cancer and Inflammatory Diseases and Their Therapeutic Approaches. <i>Cells</i> , 2016 , 5,	7.9	306
399	Therapeutic applications of compounds in the Magnolia family. <i>Pharmacology & Therapeutics</i> , 2011 , 130, 157-76	13.9	297
398	Antioxidant properties of natural polyphenols and their therapeutic potentials for Alzheimer's disease. <i>Brain Research Bulletin</i> , 2012 , 87, 144-53	3.9	217
397	Antiarthritic effect of bee venom: inhibition of inflammation mediator generation by suppression of NF-kappaB through interaction with the p50 subunit. <i>Arthritis and Rheumatism</i> , 2004 , 50, 3504-15		204
396	Green tea (-)-epigallocatechin-3-gallate inhibits beta-amyloid-induced cognitive dysfunction through modification of secretase activity via inhibition of ERK and NF-kappaB pathways in mice. <i>Journal of Nutrition</i> , 2009 , 139, 1987-93	4.1	179
395	L-Theanine, an amino acid in green tea, attenuates beta-amyloid-induced cognitive dysfunction and neurotoxicity: reduction in oxidative damage and inactivation of ERK/p38 kinase and NF-kappaB pathways. <i>Free Radical Biology and Medicine</i> , 2009 , 47, 1601-10	7.8	160
394	Anti-cancer effect of bee venom toxin and melittin in ovarian cancer cells through induction of death receptors and inhibition of JAK2/STAT3 pathway. <i>Toxicology and Applied Pharmacology</i> , 2012 , 258, 72-81	4.6	155
393	Epigallocatechin-3-gallate prevents systemic inflammation-induced memory deficiency and amyloidogenesis via its anti-neuroinflammatory properties. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 298-310	6.3	131
392	Structure activity relationship of antioxidative property of flavonoids and inhibitory effect on matrix metalloproteinase activity in UVA-irradiated human dermal fibroblast. <i>Archives of Pharmacal Research</i> , 2007 , 30, 290-8	6.1	128
391	p62/SQSTM1/Sequestosome-1 is an N-recognin of the N-end rule pathway which modulates autophagosome biogenesis. <i>Nature Communications</i> , 2017 , 8, 102	17.4	127
390	Anti-cancer effect of bee venom in prostate cancer cells through activation of caspase pathway via inactivation of NF- κ B. <i>Prostate</i> , 2011 , 71, 801-12	4.2	115
389	Neuroprotective effect of green tea extract in experimental ischemia-reperfusion brain injury. <i>Brain Research Bulletin</i> , 2000 , 53, 743-9	3.9	115
388	(-)-Epigallocatechin-3-gallate prevents lipopolysaccharide-induced elevation of beta-amyloid generation and memory deficiency. <i>Brain Research</i> , 2009 , 1250, 164-74	3.7	109
387	Combination of ginsenoside Rg3 with docetaxel enhances the susceptibility of prostate cancer cells via inhibition of NF-kappaB. <i>European Journal of Pharmacology</i> , 2010 , 631, 1-9	5.3	108

386	Sulforaphane attenuates obesity by inhibiting adipogenesis and activating the AMPK pathway in obese mice. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 201-7	6.3	105
385	Inhibition of NF-kappaB by ginsenoside Rg3 enhances the susceptibility of colon cancer cells to docetaxel. <i>Archives of Pharmacol Research</i> , 2009 , 32, 755-65	6.1	97
384	Inhibitory effect of 4-O-methylhonokiol on lipopolysaccharide-induced neuroinflammation, amyloidogenesis and memory impairment via inhibition of nuclear factor-kappaB in vitro and in vivo models. <i>Journal of Neuroinflammation</i> , 2012 , 9, 35	10.1	95
383	Involvement of inflammation in Alzheimer's disease pathogenesis and therapeutic potential of anti-inflammatory agents. <i>Archives of Pharmacol Research</i> , 2015 , 38, 2106-19	6.1	94
382	Inhibitory effect of obovatol on nitric oxide production and activation of NF-kappaB/MAP kinases in lipopolysaccharide-treated RAW 264.7 cells. <i>European Journal of Pharmacology</i> , 2007 , 556, 181-9	5.3	92
381	Neuronal differentiation of embryonic midbrain cells by upregulation of peroxisome proliferator-activated receptor-gamma via the JNK-dependent pathway. <i>Experimental Cell Research</i> , 2004 , 297, 424-33	4.2	87
380	Roles of peroxiredoxins in cancer, neurodegenerative diseases and inflammatory diseases. <i>Pharmacology & Therapeutics</i> , 2016 , 163, 1-23	13.9	87
379	Potential therapeutic effects of functionally active compounds isolated from garlic. <i>Pharmacology & Therapeutics</i> , 2014 , 142, 183-95	13.9	85
378	Inhibitory effect of green tea extract on beta-amyloid-induced PC12 cell death by inhibition of the activation of NF-kappaB and ERK/p38 MAP kinase pathway through antioxidant mechanisms. <i>Molecular Brain Research</i> , 2005 , 140, 45-54		84
377	Interleukin 32, inflammation and cancer. <i>Pharmacology & Therapeutics</i> , 2017 , 174, 127-137	13.9	83
376	Inhibition of cell growth and induction of apoptosis via inactivation of NF-kappaB by a sulfurcompound isolated from garlic in human colon cancer cells. <i>Journal of Pharmacological Sciences</i> , 2007 , 104, 374-83	3.7	78
375	Protective effect of green tea extract on ischemia/reperfusion-induced brain injury in Mongolian gerbils. <i>Brain Research</i> , 2001 , 888, 11-18	3.7	76
374	Inhibitory effect of punicalagin on lipopolysaccharide-induced neuroinflammation, oxidative stress and memory impairment via inhibition of nuclear factor-kappaB. <i>Neuropharmacology</i> , 2017 , 117, 21-32	5.5	72
373	Suppression of NF-kappaB and GSK-3beta is involved in colon cancer cell growth inhibition by the PPAR agonist troglitazone. <i>Chemico-Biological Interactions</i> , 2010 , 188, 75-85	5	72
372	Inhibitory effect of citral on NO production by suppression of iNOS expression and NF-kappa B activation in RAW264.7 cells. <i>Archives of Pharmacol Research</i> , 2008 , 31, 342-9	6.1	70
371	Peroxisome proliferator-activated receptor-gamma activator 15-deoxy-Delta12,14-prostaglandin J2 inhibits neuroblastoma cell growth through induction of apoptosis: association with extracellular signal-regulated kinase signal pathway. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003 , 307, 505-17	4.7	70
370	Anti-oxidative and photo-protective effects of coumarins isolated from <i>Fraxinus chinensis</i> . <i>Archives of Pharmacol Research</i> , 2007 , 30, 1293-301	6.1	68
369	Protective effect of the ethanol extract of <i>Magnolia officinalis</i> and 4-O-methylhonokiol on scopolamine-induced memory impairment and the inhibition of acetylcholinesterase activity. <i>Journal of Natural Medicines</i> , 2009 , 63, 274-82	3.3	66

368	Anti-inflammatory and arthritic effects of thiacremonone, a novel sulfur compound isolated from garlic via inhibition of NF-kappaB. <i>Arthritis Research and Therapy</i> , 2009 , 11, R145	5.7	65
367	Melittin inhibits inflammatory target gene expression and mediator generation via interaction with IkkappaB kinase. <i>Biochemical Pharmacology</i> , 2007 , 73, 237-47	6	65
366	Obovatol attenuates LPS-induced memory impairments in mice via inhibition of NF-B signaling pathway. <i>Neurochemistry International</i> , 2012 , 60, 68-77	4.4	64
365	Inhibitory effect of snake venom toxin from <i>Vipera lebetina turanica</i> on hormone-refractory human prostate cancer cell growth: induction of apoptosis through inactivation of nuclear factor kappaB. <i>Molecular Cancer Therapeutics</i> , 2007 , 6, 675-83	6.1	64
364	JNK pathway is involved in the inhibition of inflammatory target gene expression and NF-kappaB activation by melittin. <i>Journal of Inflammation</i> , 2008 , 5, 7	6.7	62
363	Protective role of Bcl-2 on beta-amyloid-induced cell death of differentiated PC12 cells: reduction of NF-kappaB and p38 MAP kinase activation. <i>Neuroscience Research</i> , 2004 , 49, 69-80	2.9	62
362	Probiotics mixture increases butyrate, and subsequently rescues the nigral dopaminergic neurons from MPTP and rotenone-induced neurotoxicity. <i>Journal of Nutritional Biochemistry</i> , 2019 , 69, 73-86	6.3	58
361	Interaction network mapping among IL-32 isoforms. <i>Biochimie</i> , 2014 , 101, 248-51	4.6	58
360	Anti-inflammatory effect of 4-O-methylhonokiol, compound isolated from <i>Magnolia officinalis</i> through inhibition of NF-kappaB [corrected]. <i>Chemico-Biological Interactions</i> , 2009 , 180, 506-14	5	57
359	Melittin inhibits vascular smooth muscle cell proliferation through induction of apoptosis via suppression of nuclear factor-kappaB and Akt activation and enhancement of apoptotic protein expression. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 317, 627-34	4.7	56
358	NF-B as a Key Mediator of Brain Inflammation in Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2019 , 18, 3-10	2.6	56
357	Activation of p38 mitogen-activated protein kinase and activator protein-1 during the promotion of neurite extension of PC-12 cells by 15-deoxy-delta ^{12,14} -prostaglandin J ₂ . <i>Molecular Pharmacology</i> , 2003 , 63, 607-16	4.3	55
356	Anti-proliferate and pro-apoptotic effects of 2,3-dihydro-3,5-dihydroxy-6-methyl-4H-pyranone through inactivation of NF-kappaB in human colon cancer cells. <i>Archives of Pharmacal Research</i> , 2007 , 30, 1455-63	6.1	54
355	EPO receptor-mediated ERK kinase and NF-kappaB activation in erythropoietin-promoted differentiation of astrocytes. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 320, 1087-95	3.4	53
354	PS2 mutation increases neuronal cell vulnerability to neurotoxicants through activation of caspase-3 by enhancing of ryanodine receptor-mediated calcium release. <i>FASEB Journal</i> , 2006 , 20, 151-3 ^{0.9}		52
353	ERK-mediated production of neurotrophic factors by astrocytes promotes neuronal stem cell differentiation by erythropoietin. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 339, 1021-8 ⁴		50
352	Autophagy induction by leptin contributes to suppression of apoptosis in cancer cells and xenograft model: involvement of p53/FoxO3A axis. <i>Oncotarget</i> , 2015 , 6, 7166-81	3.3	50
351	Cobrotoxin inhibits NF-kappa B activation and target gene expression through reaction with NF-kappa B signal molecules. <i>Biochemistry</i> , 2005 , 44, 8326-36	3.2	48

350	Inhibitory effect of ethanol extract of <i>Magnolia officinalis</i> and 4-O-methylhonokiol on memory impairment and neuronal toxicity induced by beta-amyloid. <i>Pharmacology Biochemistry and Behavior</i> , 2010 , 95, 31-40	3.9	47
349	4-O-Methylhonokiol attenuates memory impairment in presenilin 2 mutant mice through reduction of oxidative damage and inactivation of astrocytes and the ERK pathway. <i>Free Radical Biology and Medicine</i> , 2011 , 50, 66-77	7.8	46
348	PRDX6 promotes lung tumor progression via its GPx and iPLA2 activities. <i>Free Radical Biology and Medicine</i> , 2014 , 69, 367-76	7.8	45
347	Anxiolytic-like effects of obovatol isolated from <i>Magnolia obovata</i> : involvement of GABA/benzodiazepine receptors complex. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2007 , 31, 1363-9	5.5	45
346	Growth inhibitory effects of obovatol through induction of apoptotic cell death in prostate and colon cancer by blocking of NF-kappaB. <i>European Journal of Pharmacology</i> , 2008 , 582, 17-25	5.3	44
345	CCR5 deficiency induces astrocyte activation, A β deposit and impaired memory function. <i>Neurobiology of Learning and Memory</i> , 2009 , 92, 356-63	3.1	43
344	Increase of collagen synthesis by obovatol through stimulation of the TGF-beta signaling and inhibition of matrix metalloproteinase in UVB-irradiated human fibroblast. <i>Journal of Dermatological Science</i> , 2007 , 46, 127-37	4.3	43
343	Snake venom toxin from <i>Vipera lebetina turanica</i> induces apoptosis of colon cancer cells via upregulation of ROS- and JNK-mediated death receptor expression. <i>BMC Cancer</i> , 2012 , 12, 228	4.8	42
342	Aqueous extracts of <i>Liriope platyphylla</i> induced significant laxative effects on loperamide-induced constipation of SD rats. <i>BMC Complementary and Alternative Medicine</i> , 2013 , 13, 333	4.7	42
341	Detection of expressed IL-32 in human stomach cancer using ELISA and immunostaining. <i>Journal of Microbiology and Biotechnology</i> , 2008 , 18, 1606-12	3.3	42
340	Piperlongumine inhibits lung tumor growth via inhibition of nuclear factor kappa B signaling pathway. <i>Scientific Reports</i> , 2016 , 6, 26357	4.9	41
339	Anti-Inflammatory Effect of Titrated Extract of <i>Centella asiatica</i> in Phthalic Anhydride-Induced Allergic Dermatitis Animal Model. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	41
338	Bee venom ameliorates lipopolysaccharide-induced memory loss by preventing NF-kappaB pathway. <i>Journal of Neuroinflammation</i> , 2015 , 12, 124	10.1	40
337	Cancer cell growth inhibitory effect of bee venom via increase of death receptor 3 expression and inactivation of NF-kappa B in NSCLC cells. <i>Toxins</i> , 2014 , 6, 2210-28	4.9	38
336	Inhibitory effect of a tyrosine-fructose Maillard reaction product, 2,4-bis(p-hydroxyphenyl)-2-butenal on amyloid- β generation and inflammatory reactions via inhibition of NF-B and STAT3 activation in cultured astrocytes and microglial BV-2 cells. <i>Journal of Neuroinflammation</i> , 2011 , 8, 132	10.1	38
335	Snake venom toxin inhibits cell growth through induction of apoptosis in neuroblastoma cells. <i>Archives of Pharmacal Research</i> , 2009 , 32, 1545-54	6.1	38
334	Roles of chitinase 3-like 1 in the development of cancer, neurodegenerative diseases, and inflammatory diseases. <i>Pharmacology & Therapeutics</i> , 2019 , 203, 107394	13.9	37
333	Platycodon grandiflorum polysaccharide induces dendritic cell maturation via TLR4 signaling. <i>Food and Chemical Toxicology</i> , 2014 , 72, 212-20	4.7	37

- 332 Anti-amyloidogenic effect of thiacremonone through anti-inflammation in vitro and in vivo models. *Journal of Alzheimer's Disease*, **2012**, 29, 659-76 4.3 37
- 331 Anti-inflammatory effect of tricetin 4-O-(threo- β -guaiacylglyceryl) ether, a novel flavonolignan compound isolated from *Njavara* on RAW264.7 cells and in ear mice edema. *Toxicology and Applied Pharmacology*, **2014**, 277, 67-76 4.6 36
- 330 Lung tumor growth-promoting function of peroxiredoxin 6. *Free Radical Biology and Medicine*, **2013**, 61, 453-63 7.8 36
- 329 4-O-methylhonokiol attenuated amyloid-induced memory impairment through reduction of oxidative damages via inactivation of p38 MAP kinase. *Journal of Nutritional Biochemistry*, **2011**, 22, 476-86 6.3 36
- 328 Epothilones induce human colon cancer SW620 cell apoptosis via the tubulin polymerization independent activation of the nuclear factor-kappaB/IkappaB kinase signal pathway. *Molecular Cancer Therapeutics*, **2007**, 6, 2786-97 6.1 36
- 327 Inhibitory effect of sesaminol glucosides on lipopolysaccharide-induced NF-kappaB activation and target gene expression in cultured rat astrocytes. *Neuroscience Research*, **2006**, 56, 204-12 2.9 36
- 326 Curdlan activates dendritic cells through dectin-1 and toll-like receptor 4 signaling. *International Immunopharmacology*, **2016**, 39, 71-78 5.8 36
- 325 Anti-inflammatory effect of *Centella asiatica* phytosome in a mouse model of phthalic anhydride-induced atopic dermatitis. *Phytomedicine*, **2018**, 43, 110-119 6.5 35
- 324 Interleukin-32 inhibits Endothelial Inflammation, Vascular Smooth Muscle Cell Activation, and Atherosclerosis by Upregulating Timp3 and Reck through suppressing microRNA-205 Biogenesis. *Theranostics*, **2017**, 7, 2186-2203 12.1 34
- 323 Dysregulation of 5-hydroxytryptamine 6 receptor accelerates maturation of bone-resorbing osteoclasts and induces bone loss. *Theranostics*, **2018**, 8, 3087-3098 12.1 34
- 322 Anti-inflammatory and anti-amyloidogenic effects of a small molecule, 2,4-bis(p-hydroxyphenyl)-2-butenal in Tg2576 Alzheimer's disease mice model. *Journal of Neuroinflammation*, **2013**, 10, 2 10.1 34
- 321 PRDX6 promotes tumor development via the JAK2/STAT3 pathway in a urethane-induced lung tumor model. *Free Radical Biology and Medicine*, **2015**, 80, 136-44 7.8 33
- 320 Anti-inflammatory effect of astaxanthin in phthalic anhydride-induced atopic dermatitis animal model. *Experimental Dermatology*, **2018**, 27, 378-385 4 33
- 319 Acceleration of the development of Alzheimer's disease in amyloid beta-infused peroxiredoxin 6 overexpression transgenic mice. *Molecular Neurobiology*, **2013**, 48, 941-51 6.2 33
- 318 Myriocin, a serine palmitoyltransferase inhibitor, suppresses tumor growth in a murine melanoma model by inhibiting de novo sphingolipid synthesis. *Cancer Biology and Therapy*, **2012**, 13, 92-100 4.6 33
- 317 Effect of sesaminol glucosides on beta-amyloid-induced PC12 cell death through antioxidant mechanisms. *Neuroscience Research*, **2005**, 52, 330-41 2.9 33
- 316 *Cudrania tricuspidata* Stem Extract Induces Apoptosis via the Extrinsic Pathway in SiHa Cervical Cancer Cells. *PLoS ONE*, **2016**, 11, e0150235 3.7 33
- 315 Estrogen deficiency exacerbates A β -induced memory impairment through enhancement of neuroinflammation, amyloidogenesis and NF- κ B activation in ovariectomized mice. *Brain, Behavior, and Immunity*, **2018**, 73, 282-293 16.6 33

314	Serotonin 6 receptor controls Alzheimer's disease and depression. <i>Oncotarget</i> , 2015 , 6, 26716-28	3.3	32
313	Neurite outgrowth effect of 4-O-methylhonokiol by induction of neurotrophic factors through ERK activation. <i>Neurochemical Research</i> , 2009 , 34, 2251-60	4.6	32
312	Antarctic Krill Oil Diet Protects against Lipopolysaccharide-Induced Oxidative Stress, Neuroinflammation and Cognitive Impairment. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	31
311	4-O-methylhonokiol prevents memory impairment in the Tg2576 transgenic mice model of Alzheimer's disease via regulation of β secretase activity. <i>Journal of Alzheimer's Disease</i> , 2012 , 29, 677-90	4.3	31
310	Luteolin induces intrinsic apoptosis via inhibition of E6/E7 oncogenes and activation of extrinsic and intrinsic signaling pathways in HPV-18-associated cells. <i>Oncology Reports</i> , 2014 , 31, 2683-91	3.5	30
309	Cell growth inhibition and induction of apoptosis by snake venom toxin in ovarian cancer cell via inactivation of nuclear factor κ B and signal transducer and activator of transcription 3. <i>Archives of Pharmacal Research</i> , 2012 , 35, 867-76	6.1	30
308	PRDX6 controls multiple sclerosis by suppressing inflammation and blood brain barrier disruption. <i>Oncotarget</i> , 2015 , 6, 20875-84	3.3	30
307	PRDX6 Exacerbates Dopaminergic Neurodegeneration in a MPTP Mouse Model of Parkinson's Disease. <i>Molecular Neurobiology</i> , 2015 , 52, 422-31	6.2	29
306	Anti-cancer effect of tectochrysin in NSCLC cells through overexpression of death receptor and inactivation of STAT3. <i>Cancer Letters</i> , 2014 , 353, 95-103	9.9	29
305	Ethanol extract of <i>Magnolia officinalis</i> prevents lipopolysaccharide-induced memory deficiency via its antineuroinflammatory and antiamyloidogenic effects. <i>Phytotherapy Research</i> , 2013 , 27, 438-47	6.7	29
304	Deficiency of C-C chemokine receptor 5 suppresses tumor development via inactivation of NF- κ B and upregulation of IL-1Ra in melanoma model. <i>PLoS ONE</i> , 2012 , 7, e33747	3.7	29
303	Isolation and characterisation of an α -glucosidase inhibitory substance from fructose-lysine Maillard reaction products. <i>Food Chemistry</i> , 2011 , 127, 122-126	8.5	29
302	Infliximol inhibits colon cancer cell growth through inhibition of nuclear factor- κ B activity via direct interaction with p50. <i>Molecular Cancer Therapeutics</i> , 2009 , 8, 1613-24	6.1	29
301	Induction of apoptotic cell death by 2-Hydroxycinnamaldehyde is involved with ERK-dependent inactivation of NF- κ B in TNF- α -treated SW620 colon cancer cells. <i>Biochemical Pharmacology</i> , 2005 , 70, 1147-57	6	29
300	CCL2 deficient mesenchymal stem cells fail to establish long-lasting contact with T cells and no longer ameliorate lupus symptoms. <i>Scientific Reports</i> , 2017 , 7, 41258	4.9	28
299	IRAK4 as a molecular target in the amelioration of innate immunity-related endotoxic shock and acute liver injury by chlorogenic acid. <i>Journal of Immunology</i> , 2015 , 194, 1122-30	5.3	28
298	neo-Clerodane Diterpenoids from <i>Scutellaria barbata</i> and Their Inhibitory Effects on LPS-Induced Nitric Oxide Production. <i>Journal of Natural Products</i> , 2015 , 78, 2292-6	4.9	28
297	Diterpenoids from the Roots of <i>Euphorbia fischeriana</i> with Inhibitory Effects on Nitric Oxide Production. <i>Journal of Natural Products</i> , 2016 , 79, 126-31	4.9	28

296	Lack of CCR5 modifies glial phenotypes and population of the nigral dopaminergic neurons, but not MPTP-induced dopaminergic neurodegeneration. <i>Neurobiology of Disease</i> , 2013 , 49, 159-68	7.5	28
295	Inhibitory constituents of <i>Sophora tonkinensis</i> on nitric oxide production in RAW 264.7 macrophages. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 960-2	2.9	28
294	Troglitazone, a PPAR agonist, inhibits human prostate cancer cell growth through inactivation of NFB via suppression of GSK-3 β expression. <i>Cancer Biology and Therapy</i> , 2011 , 12, 288-96	4.6	28
293	Thiocremonone augments chemotherapeutic agent-induced growth inhibition in human colon cancer cells through inactivation of nuclear factor- κ B. <i>Molecular Cancer Research</i> , 2009 , 7, 870-9	6.6	28
292	Quercetin promotes gastrointestinal motility and mucin secretion in loperamide-induced constipation of SD rats through regulation of the mAChRs downstream signal. <i>Pharmaceutical Biology</i> , 2018 , 56, 309-317	3.8	28
291	Inhibitory effect of ent-Sauchinone on amyloidogenesis via inhibition of STAT3-mediated NF-B activation in cultured astrocytes and microglial BV-2 cells. <i>Journal of Neuroinflammation</i> , 2014 , 11, 118	10.1	27
290	Pachymic Acid Enhances Pentobarbital-Induced Sleeping Behaviors via GABAA-ergic Systems in Mice. <i>Biomolecules and Therapeutics</i> , 2014 , 22, 314-20	4.2	27
289	Chemokines released from astrocytes promote chemokine receptor 5-mediated neuronal cell differentiation. <i>Experimental Cell Research</i> , 2009 , 315, 2715-26	4.2	27
288	Obovatol enhances docetaxel-induced prostate and colon cancer cell death through inactivation of nuclear transcription factor- κ B. <i>Journal of Pharmacological Sciences</i> , 2009 , 111, 124-36	3.7	27
287	Troxaerutin induces protective effects against ultraviolet B radiation through the alteration of microRNA expression in human HaCaT keratinocyte cells. <i>International Journal of Molecular Medicine</i> , 2014 , 33, 934-42	4.4	26
286	Obovatol improves cognitive functions in animal models for Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2012 , 120, 1048-59	6	26
285	4-O-methylhonokiol attenuated memory impairment through modulation of oxidative damage of enzymes involving amyloid- β generation and accumulation in a mouse model of Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2011 , 27, 127-41	4.3	26
284	Parkin deficiency exacerbate ethanol-induced dopaminergic neurodegeneration by P38 pathway dependent inhibition of autophagy and mitochondrial function. <i>Redox Biology</i> , 2017 , 11, 456-468	11.3	25
283	IL-32 β suppresses colorectal cancer development via TNFR1-mediated death signaling. <i>Oncotarget</i> , 2015 , 6, 9061-72	3.3	25
282	Anti-cancer effect of bee venom on colon cancer cell growth by activation of death receptors and inhibition of nuclear factor kappa B. <i>Oncotarget</i> , 2015 , 6, 44437-51	3.3	25
281	CCR5 knockout suppresses experimental autoimmune encephalomyelitis in C57BL/6 mice. <i>Oncotarget</i> , 2016 , 7, 15382-93	3.3	25
280	Astaxanthin Ameliorates Lipopolysaccharide-Induced Neuroinflammation, Oxidative Stress and Memory Dysfunction through Inactivation of the Signal Transducer and Activator of Transcription 3 Pathway. <i>Marine Drugs</i> , 2019 , 17,	6	25
279	Antiatherogenic Effect of Resveratrol Attributed to Decreased Expression of ICAM-1 (Intercellular Adhesion Molecule-1). <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 675-684	9.4	25

278	K284-6111 prevents the amyloid beta-induced neuroinflammation and impairment of recognition memory through inhibition of NF- κ B-mediated CHI3L1 expression. <i>Journal of Neuroinflammation</i> , 2018 , 15, 224	10.1	24
277	Interleukin-32 interacts with IL-32 and inhibits IL-32-mediated IL-10 production. <i>FEBS Letters</i> , 2013 , 587, 3776	3.8	24
276	Inhibitory effect of ethanol extract of <i>Magnolia officinalis</i> on memory impairment and amyloidogenesis in a transgenic mouse model of Alzheimer's disease via regulating β -secretase activity. <i>Phytotherapy Research</i> , 2012 , 26, 1884-92	6.7	24
275	Interleukin (IL)-32-mediated CCAAT/enhancer-binding protein (C/EBP) phosphorylation by protein kinase C (PKC) abrogates the inhibitory effect of C/EBP on IL-10 production. <i>Journal of Biological Chemistry</i> , 2013 , 288, 23650-8	5.4	24
274	Gallotannin-Enriched Extract Isolated from <i>Galla Rhois</i> May Be a Functional Candidate with Laxative Effects for Treatment of Loperamide-Induced Constipation of SD Rats. <i>PLoS ONE</i> , 2016 , 11, e0161144	3.7	24
273	Anticancer effect of tectochrysin in colon cancer cell via suppression of NF-kappaB activity and enhancement of death receptor expression. <i>Molecular Cancer</i> , 2015 , 14, 124	42.1	23
272	Melittin, a major bioactive component of bee venom toxin, inhibits PDGF receptor beta-tyrosine phosphorylation and downstream intracellular signal transduction in rat aortic vascular smooth muscle cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2007 , 70, 1350-5	3.2	23
271	Inhibitory effect of peroxisome proliferator-activated receptor gamma agonist on ochratoxin A-induced cytotoxicity and activation of transcription factors in cultured rat embryonic midbrain cells. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2002 , 65, 407-18	3.2	23
270	Memory Impairment in Estrogen Receptor Knockout Mice Through Accumulation of Amyloid- β Peptides. <i>Molecular Neurobiology</i> , 2015 , 52, 176-86	6.2	22
269	Piperine inhibits the activities of platelet cytosolic phospholipase A2 and thromboxane A2 synthase without affecting cyclooxygenase-1 activity: different mechanisms of action are involved in the inhibition of platelet aggregation and macrophage inflammatory response. <i>Nutrients</i> , 2014 , 6, 3336-52	6.7	22
268	Astaxanthin alleviated ethanol-induced liver injury by inhibition of oxidative stress and inflammatory responses via blocking of STAT3 activity. <i>Scientific Reports</i> , 2018 , 8, 14090	4.9	22
267	Sesquiterpenoids from <i>Tussilago farfara</i> inhibit LPS-induced nitric oxide production in macrophage RAW 264.7 cells. <i>Archives of Pharmacal Research</i> , 2016 , 39, 127-32	6.1	21
266	Inhibitory effect of ethanol extract of <i>Nannochloropsis oceanica</i> on lipopolysaccharide-induced neuroinflammation, oxidative stress, amyloidogenesis and memory impairment. <i>Oncotarget</i> , 2017 , 8, 45517-45530	3.3	21
265	Estrogen receptor signaling mediates leptin-induced growth of breast cancer cells via autophagy induction. <i>Oncotarget</i> , 2017 , 8, 109417-109435	3.3	21
264	MMPP Attenuates Non-Small Cell Lung Cancer Growth by Inhibiting the STAT3 DNA-Binding Activity Direct Binding to the STAT3 DNA-Binding Domain. <i>Theranostics</i> , 2017 , 7, 4632-4642	12.1	21
263	Preclinical efficacy and mechanisms of mesenchymal stem cells in animal models of autoimmune diseases. <i>Immune Network</i> , 2014 , 14, 81-8	6.1	21
262	Obovatol from <i>Magnolia obovata</i> inhibits vascular smooth muscle cell proliferation and intimal hyperplasia by inducing p21Cip1. <i>Atherosclerosis</i> , 2010 , 210, 372-80	3.1	21
261	Inhibitory effect of thiacremonone on MPTP-induced dopaminergic neurodegeneration through inhibition of p38 activation. <i>Oncotarget</i> , 2016 , 7, 46943-46958	3.3	21

260	Hypoxia Pretreatment Promotes Chondrocyte Differentiation of Human Adipose-Derived Stem Cells via Vascular Endothelial Growth Factor. <i>Tissue Engineering and Regenerative Medicine</i> , 2020 , 17, 335-350	4.5	21
259	Reducing effect of IL-32 in the development of stroke through blocking of NF- κ B, but enhancement of STAT3 pathways. <i>Molecular Neurobiology</i> , 2015 , 51, 648-60	6.2	20
258	Neuroprotective Effects of Antidepressants via Upregulation of Neurotrophic Factors in the MPTP Model of Parkinson's Disease. <i>Molecular Neurobiology</i> , 2018 , 55, 554-566	6.2	20
257	Suppression of metastasis through inhibition of chitinase 3-like 1 expression by miR-125a-3p-mediated up-regulation of USF1. <i>Theranostics</i> , 2018 , 8, 4409-4428	12.1	20
256	Attenuation of scopolamine-induced cognitive dysfunction by obovatol. <i>Archives of Pharmacal Research</i> , 2012 , 35, 1279-86	6.1	20
255	Anxiolytic-like effects of 4-O-methylhonokiol isolated from <i>Magnolia officinalis</i> through enhancement of GABAergic transmission and chloride influx. <i>Journal of Medicinal Food</i> , 2011 , 14, 724-31 ^{2.8}	2.8	20
254	Jatrophone and ingenane-type diterpenoids from <i>Euphorbia kansui</i> inhibit the LPS-induced NO production in RAW 264.7 cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 3351-3354	2.9	20
253	CCR5 knockout mice with C57BL6 background are resistant to acetaminophen-mediated hepatotoxicity due to decreased macrophages migration into the liver. <i>Archives of Toxicology</i> , 2015 , 89, 211-20	5.8	19
252	Parkin Knockout Inhibits Neuronal Development via Regulation of Proteasomal Degradation of p21. <i>Theranostics</i> , 2017 , 7, 2033-2045	12.1	19
251	Neuroprotective effects of fermented soybean products (Cheonggukjang) manufactured by mixed culture of <i>Bacillus subtilis</i> MC31 and <i>Lactobacillus sakei</i> 383 on trimethyltin-induced cognitive defects mice. <i>Nutritional Neuroscience</i> , 2016 , 19, 247-59	3.6	19
250	Quantitative evaluation of therapeutic effect of <i>Liriope platyphylla</i> on phthalic anhydride-induced atopic dermatitis in IL-4/Luc/CNS-1 Tg mice. <i>Journal of Ethnopharmacology</i> , 2013 , 148, 880-9	5	19
249	Uridine stimulate laxative effect in the loperamide-induced constipation of SD rats through regulation of the mAChRs signaling pathway and mucin secretion. <i>BMC Gastroenterology</i> , 2017 , 17, 21	3	19
248	Effect of <i>Ilex dentata</i> Nakai Extract on Nitric Oxide Production and Prostaglandin E2 Generation in LPS-stimulated RAW264.7 Cells. <i>Immune Network</i> , 2015 , 15, 325-30	6.1	19
247	Antiplatelet activity of obovatol, a biphenolic component of <i>Magnolia Obovata</i> , in rat arterial thrombosis and rabbit platelet aggregation. <i>Journal of Atherosclerosis and Thrombosis</i> , 2011 , 18, 659-69 ⁴	4	19
246	Rosmarinic Acid Potentiates Pentobarbital-Induced Sleep Behaviors and Non-Rapid Eye Movement (NREM) Sleep through the Activation of GABA-ergic Systems. <i>Biomolecules and Therapeutics</i> , 2017 , 25, 105-111	4.2	19
245	Inhibitory Effect of Carnosol on Phthalic Anhydride-Induced Atopic Dermatitis via Inhibition of STAT3. <i>Biomolecules and Therapeutics</i> , 2017 , 25, 535-544	4.2	19
244	Novel Carbazole-Piperazine Hybrid Small Molecule Induces Apoptosis by Targeting BCL-2 and Inhibits Tumor Progression in Lung Adenocarcinoma in Vitro and Xenograft Mice Model. <i>Cancers</i> , 2019 , 11,	6.6	18
243	Atherosclerosis is exacerbated by chitinase-3-like-1 in amyloid precursor protein transgenic mice. <i>Theranostics</i> , 2018 , 8, 749-766	12.1	18

242	Tussilagone inhibits dendritic cell functions via induction of heme oxygenase-1. <i>International Immunopharmacology</i> , 2014 , 22, 400-8	5.8	18
241	4-O-methylhonokiol inhibits colon tumor growth via p21-mediated suppression of NF- κ B activity. <i>Journal of Nutritional Biochemistry</i> , 2012 , 23, 706-15	6.3	18
240	RANKL-induced osteoclastogenesis is suppressed by 4-O-methylhonokiol in bone marrow-derived macrophages. <i>Archives of Pharmacal Research</i> , 2017 , 40, 933-942	6.1	18
239	Synergistic Inhibitory Effects of Cetuximab and Cisplatin on Human Colon Cancer Cell Growth via Inhibition of the ERK-Dependent EGF Receptor Signaling Pathway. <i>BioMed Research International</i> , 2015 , 2015, 397563	3	18
238	Obovatol isolated from <i>Magnolia obovata</i> enhances pentobarbital-induced sleeping time: Possible involvement of GABA _A receptors/chloride channel activation. <i>Phytomedicine</i> , 2009 , 16, 308-13	6.5	18
237	Mutant presenilin 2 increased oxidative stress and p53 expression in neuronal cells. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 357, 174-80	3.4	18
236	Anti-cancer effect of thiacremonone through down regulation of peroxiredoxin 6. <i>PLoS ONE</i> , 2014 , 9, e91508	3.7	18
235	Peroxiredoxin 6 overexpression attenuates lipopolysaccharide-induced acute kidney injury. <i>Oncotarget</i> , 2017 , 8, 51096-51107	3.3	18
234	Cell-based Immunotherapy for Colorectal Cancer with Cytokine-induced Killer Cells. <i>Immune Network</i> , 2016 , 16, 99-108	6.1	18
233	Peripheral serotonin-mediated system suppresses bone development and regeneration via serotonin 6 G-protein-coupled receptor. <i>Scientific Reports</i> , 2016 , 6, 30985	4.9	17
232	Thiacremonone Potentiates Anti-Oxidant Effects to Improve Memory Dysfunction in an APP/PS1 Transgenic Mice Model. <i>Molecular Neurobiology</i> , 2016 , 53, 2409-20	6.2	17
231	Pyranocoumarins from <i>Glehnia littoralis</i> inhibit the LPS-induced NO production in macrophage RAW 264.7 cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 2717-9	2.9	17
230	(E)-2,4-bis(p-hydroxyphenyl)-2-butenal has an antiproliferative effect on NSCLC cells induced by p38 MAPK-mediated suppression of NF- κ B and up-regulation of TNFRSF10B (DR5). <i>British Journal of Pharmacology</i> , 2013 , 168, 1471-84	8.6	17
229	Interleukin-32 ameliorates metabolic disorder and liver damage in mice fed high-fat diet. <i>Obesity</i> , 2015 , 23, 615-22	8	16
228	Neuroinflammatory and Amyloidogenic Activities of IL-32 in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2015 , 52, 341-52	6.2	16
227	Deficiency of parkin suppresses melanoma tumor development and metastasis through inhibition of MFN2 ubiquitination. <i>Cancer Letters</i> , 2018 , 433, 156-164	9.9	16
226	Dimeric- and trimeric sesquiterpenes from the flower of <i>Inula japonica</i> . <i>Phytochemistry</i> , 2018 , 155, 107-143		16
225	Design and synthesis of 4-O-methylhonokiol analogs as inhibitors of cyclooxygenase-2 (COX-2) and PGF α production. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 2860-8	3.4	16

224	Transplantation of Human Adipose Tissue-Derived Mesenchymal Stem Cells Restores the Neurobehavioral Disorders of Rats With Neonatal Hypoxic-Ischemic Encephalopathy. <i>Cell Medicine</i> , 2013 , 5, 17-28	4.9	16
223	Deficiency of C-C chemokine receptor 5 suppresses tumor development via inactivation of NF- κ B and inhibition of monocyte chemoattractant protein-1 in urethane-induced lung tumor model. <i>Carcinogenesis</i> , 2012 , 33, 2520-8	4.6	16
222	Mutant presenilin 2 increases β -secretase activity through reactive oxygen species-dependent activation of extracellular signal-regulated kinase. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012 , 71, 130-9	3.1	16
221	Decreased severity of collagen antibody and lipopolysaccharide-induced arthritis in human IL-32 α overexpressed transgenic mice. <i>Oncotarget</i> , 2015 , 6, 38566-77	3.3	16
220	Deletion of Chitinase-3-like 1 accelerates stroke development through enhancement of Neuroinflammation by STAT6-dependent M2 microglial inactivation in Chitinase-3-like 1 knockout mice. <i>Experimental Neurology</i> , 2020 , 323, 113082	5.7	16
219	Saucerneol D inhibits dendritic cell activation by inducing heme oxygenase-1, but not by directly inhibiting toll-like receptor 4 signaling. <i>Journal of Ethnopharmacology</i> , 2015 , 166, 92-101	5	15
218	IL-32 β suppressed atopic dermatitis through inhibition of miR-205 expression via inactivation of nuclear factor-kappa B. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 156-168	11.5	15
217	G721-0282 inhibits cell growth and induces apoptosis in human osteosarcoma through down-regulation of the STAT3 pathway. <i>International Journal of Biological Sciences</i> , 2020 , 16, 330-341	11.2	15
216	Asparagus cochinchinensis stimulates release of nerve growth factor and abrogates oxidative stress in the Tg2576 model for Alzheimer's disease. <i>BMC Complementary and Alternative Medicine</i> , 2018 , 18, 125	4.7	15
215	PRDX6 Inhibits Neurogenesis through Downregulation of WDFY1-Mediated TLR4 Signal. <i>Molecular Neurobiology</i> , 2019 , 56, 3132-3144	6.2	15
214	Physicochemical, Pharmacokinetic, and Toxicity Evaluation of Methoxy Poly(ethylene glycol)-Poly(D,L-Lactide) Polymeric Micelles Encapsulating Alpinumisoflavone Extracted from Unripe Fruit. <i>Pharmaceutics</i> , 2019 , 11,	6.4	15
213	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> , 2014 , 171, 2900-12	8.6	15
212	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> , 2015 , 64, 287-97	5.6	15
211	CCR5 deficiency accelerates lipopolysaccharide-induced astrogliosis, amyloid-beta deposit and impaired memory function. <i>Oncotarget</i> , 2016 , 7, 11984-99	3.3	15
210	Protective Effect of Gallotannin-Enriched Extract Isolated from Galla Rhois against CCl $_4$ -Induced Hepatotoxicity in ICR Mice. <i>Nutrients</i> , 2016 , 8, 107	6.7	15
209	Inhibition of skin carcinogenesis by suppression of NF- κ B dependent ITGAV and TIMP-1 expression in IL-32 β overexpressed condition. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018 , 37, 293	12.8	15
208	Nitric oxide inhibitory constituents from Siegesbeckia pubescens. <i>Bioorganic Chemistry</i> , 2018 , 80, 81-85	5.1	15
207	Loss of Parkin reduces inflammatory arthritis by inhibiting p53 degradation. <i>Redox Biology</i> , 2017 , 12, 666-673	11.3	14

206	Synthesis and biological evaluation of caffeic acid derivatives as potent inhibitors of BMSH-stimulated melanogenesis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 3374-3377	2.9	14
205	Piperlongumine attenuates experimental autoimmune encephalomyelitis through inhibition of NF-kappaB activity. <i>Free Radical Biology and Medicine</i> , 2017 , 103, 133-145	7.8	14
204	Anti-Inflammatory Response and Muscarinic Cholinergic Regulation during the Laxative Effect of in Loperamide-Induced Constipation of SD Rats. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	14
203	Diosgenin effectively suppresses skin inflammation induced by phthalic anhydride in IL-4/Luc/CNS-1 transgenic mice. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016 , 80, 891-901	2.1	14
202	Miniferin Improves Facial Hyperpigmentation via Accelerating Feedback Termination of cAMP/PKA-Signaled Phosphorylation Circuit in Facultative Melanogenesis. <i>Theranostics</i> , 2018 , 8, 2031-2043	12.1	14
201	natural killer cells fail to establish stable contacts with cancer cells and show impaired control of tumor metastasis. <i>Oncolmmunology</i> , 2017 , 6, e1338994	7.2	14
200	Exacerbation of collagen antibody-induced arthritis in transgenic mice overexpressing peroxiredoxin 6. <i>Arthritis and Rheumatology</i> , 2015 , 67, 3058-69	9.5	14
199	Arctiin induces an UVB protective effect in human dermal fibroblast cells through microRNA expression changes. <i>International Journal of Molecular Medicine</i> , 2014 , 33, 640-8	4.4	14
198	Inhibitory effect of a 2,4-bis(4-hydroxyphenyl)-2-butenal diacetate on neuro-inflammatory reactions via inhibition of STAT1 and STAT3 activation in cultured astrocytes and microglial BV-2 cells. <i>Neuropharmacology</i> , 2014 , 79, 476-87	5.5	14
197	Snake venom toxin from <i>Vipera lebetina turanica</i> sensitizes cancer cells to TRAIL through ROS- and JNK-mediated upregulation of death receptors and downregulation of survival proteins. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012 , 17, 1316-26	5.4	14
196	Expedient synthesis of 4-O-methylhonokiol via SuzukiMiyaura cross-coupling. <i>Tetrahedron</i> , 2011 , 67, 9401-9404	2.4	14
195	4-parvifuran inhibits metastatic and invasive actions through the JAK2/STAT3 pathway in osteosarcoma cells. <i>Archives of Pharmacal Research</i> , 2017 , 40, 601-609	6.1	13
194	Polyhexamethyleneguanidine Phosphate-Induced Cytotoxicity in Liver Cells Is Alleviated by Tauroursodeoxycholic Acid (TUDCA) via a Reduction in Endoplasmic Reticulum Stress. <i>Cells</i> , 2019 , 8,	7.9	13
193	Sesquiterpenes from <i>Inula japonica</i> with Inhibitory Effects on Nitric Oxide Production in Murine Macrophage RAW 264.7 Cells. <i>Journal of Natural Products</i> , 2016 , 79, 1548-53	4.9	13
192	Promotion of adipogenesis by 15-(S)-hydroxyeicosatetraenoic acid. <i>Prostaglandins and Other Lipid Mediators</i> , 2016 , 123, 1-8	3.7	13
191	CXCR3-deficient natural killer cells fail to migrate to B16F10 melanoma cells. <i>International Immunopharmacology</i> , 2018 , 63, 66-73	5.8	13
190	IL-32 overexpression accelerates streptozotocin (STZ)-induced type 1 diabetes. <i>Cytokine</i> , 2014 , 69, 1-5	4	13
189	Enhancement of Glucose Uptake by Meso-Dihydroguaiaretic Acid through GLUT4 Up-Regulation in 3T3-L1 Adipocytes. <i>Molecules</i> , 2017 , 22,	4.8	13

188	cAMP-dependent activation of protein kinase A as a therapeutic target of skin hyperpigmentation by diphenylmethylenediazinecarbothioamide. <i>British Journal of Pharmacology</i> , 2015 , 172, 3434-45	8.6	13
187	Predominant D1 Receptors Involvement in the Over-expression of CART Peptides after Repeated Cocaine Administration. <i>Korean Journal of Physiology and Pharmacology</i> , 2015 , 19, 89-97	1.8	13
186	Photoprotective effect of arctiin against ultravioletB-induced damage in HaCaT keratinocytes is mediated by microRNA expression changes. <i>Molecular Medicine Reports</i> , 2014 , 10, 1363-70	2.9	13
185	Determination of Flavonoid Glycosides, Polymethoxyflavones, and Coumarins in Herbal Drugs of Citrus and Poncirus Fruits by High Performance Liquid Chromatography-Electrospray Ionization/Tandem Mass Spectrometry. <i>Analytical Letters</i> , 2014 , 47, 1299-1323	2.2	13
184	Isolation and identification of an antiproliferative substance from fructose-lysine Maillard reaction products. <i>Food Chemistry</i> , 2012 , 130, 547-551	8.5	13
183	An HPLC Determination of Trimetazidine in Human Plasma Using Liquid-Liquid Extraction for Sample Clean-Up. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005 , 28, 1299-1309	1.3	13
182	Neuroprotective Effect of L-Theanine on A β -Induced Neurotoxicity through Anti-Oxidative Mechanisms in SK-N-SH and SK-N-MC Cells. <i>Biomolecules and Therapeutics</i> , 2011 , 19, 288-295	4.2	13
181	Piperlongumine Improves Lipopolysaccharide-Induced Amyloidogenesis by Suppressing NF-KappaB Pathway. <i>NeuroMolecular Medicine</i> , 2018 , 20, 312-327	4.6	13
180	Pyranoflavanones and Pyranochalcones from the Fruits of. <i>Journal of Natural Products</i> , 2019 , 82, 1886-1892	1.7	12
179	Antioxidant Effect of Barley Sprout Extract via Enhancement of Nuclear Factor-Erythroid 2 Related Factor 2 Activity and Glutathione Synthesis. <i>Nutrients</i> , 2017 , 9,	6.7	12
178	Alpha-Synuclein Suppresses Retinoic Acid-Induced Neuronal Differentiation by Targeting the Glycogen Synthase Kinase-3 β /Catenin Signaling Pathway. <i>Molecular Neurobiology</i> , 2018 , 55, 1607-1619	6.2	12
177	Inhibitory effect of snake venom toxin on NF- κ B activity prevents human cervical cancer cell growth via increase of death receptor 3 and 5 expression. <i>Archives of Toxicology</i> , 2016 , 90, 463-77	5.8	12
176	Interleukin-32 α attenuates ethanol-induced liver injury by the inhibition of cytochrome P450 2E1 expression and inflammatory responses. <i>Clinical Science</i> , 2015 , 128, 695-706	6.5	12
175	Concise Synthesis of Broussonone A. <i>Molecules</i> , 2015 , 20, 15966-75	4.8	12
174	Characterization of Changes in Global Genes Expression in the Distal Colon of Loperamide-Induced Constipation SD Rats in Response to the Laxative Effects of Liriope platyphylla. <i>PLoS ONE</i> , 2015 , 10, e0129664	3.7	12
173	Gastrodiae Rhizoma Ethanol Extract Enhances Pentobarbital-Induced Sleeping Behaviors and Rapid Eye Movement Sleep via the Activation of GABA A -ergic Transmission in Rodents. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014 , 2014, 426843	2.3	12
172	(E)-2,4-Bis(p-hydroxyphenyl)-2-butenal inhibits tumor growth via suppression of NF- κ B and induction of death receptor 6. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2014 , 19, 165-78	5.4	12
171	Pharmacokinetics and metabolism of 4-O-methylhonokiol in rats. <i>Phytotherapy Research</i> , 2014 , 28, 568-707	7.7	12

170	Tumor growth suppressive effect of IL-4 through p21-mediated activation of STAT6 in IL-4R β overexpressed melanoma models. <i>Oncotarget</i> , 2016 , 7, 23425-38	3.3	12
169	FlexPro MD π , a Combination of Krill Oil, Astaxanthin and Hyaluronic Acid, Reduces Pain Behavior and Inhibits Inflammatory Response in Monosodium Iodoacetate-Induced Osteoarthritis in Rats. <i>Nutrients</i> , 2020 , 12,	6.7	12
168	Nuclear Entry of CRTC1 as Druggable Target of Acquired Pigmentary Disorder. <i>Theranostics</i> , 2019 , 9, 646-660	12.1	11
167	Synergic Laxative Effects of an Herbal Mixture of Liriope platyphylla, Glycyrrhiza uralensis, and Cinnamomum cassia in Loperamide-Induced Constipation of Sprague Dawley Rats. <i>Journal of Medicinal Food</i> , 2019 , 22, 294-304	2.8	11
166	Presenilin Mutation Suppresses Lung Tumorigenesis via Inhibition of Peroxiredoxin 6 Activity and Expression. <i>Theranostics</i> , 2017 , 7, 3624-3637	12.1	11
165	Selenium-loaded cellulose film derived from <i>Styela clava</i> tunic accelerates the healing process of cutaneous wounds in streptozotocin-induced diabetic Sprague-Dawley rats. <i>Journal of Dermatological Treatment</i> , 2018 , 29, 606-616	2.8	11
164	Altered miRNA expression profiles are involved in the protective effects of troxerutin against ultraviolet B radiation in normal human dermal fibroblasts. <i>International Journal of Molecular Medicine</i> , 2014 , 33, 957-63	4.4	11
163	Chemical Constituents Isolated from <i>Bletilla striata</i> and Their Inhibitory Effects on Nitric Oxide Production in RAW 264.7 Cells. <i>Chemistry and Biodiversity</i> , 2017 , 14, e1600243	2.5	11
162	Adoptive Cell Therapy of Melanoma with Cytokine-induced Killer Cells. <i>Immune Network</i> , 2015 , 15, 58-65.1	11	11
161	Enhanced Anti-Cancer Effect of Snake Venom Activated NK Cells on Lung Cancer Cells by Inactivation of NF- κ B. <i>Biomolecules and Therapeutics</i> , 2014 , 22, 106-13	4.2	11
160	Downregulation of melanocyte-specific facultative melanogenesis by 4-hydroxy-3-methoxycinnamaldehyde acting as a cAMP antagonist. <i>Journal of Investigative Dermatology</i> , 2014 , 134, 551-553	4.3	11
159	Baccatin III, a precursor for the semisynthesis of paclitaxel, inhibits the accumulation and suppressive activity of myeloid-derived suppressor cells in tumor-bearing mice. <i>International Immunopharmacology</i> , 2014 , 21, 487-93	5.8	11
158	(E)-2,4-Bis(p-hydroxyphenyl)-2-butenal enhanced TRAIL-induced apoptosis in ovarian cancer cells through downregulation of NF- κ B/STAT3 pathway. <i>Archives of Pharmacal Research</i> , 2014 , 37, 652-61	6.1	11
157	A Comparison between Extract Products of <i>Magnolia officinalis</i> on Memory Impairment and Amyloidogenesis in a Transgenic Mouse Model of Alzheimer β Disease. <i>Biomolecules and Therapeutics</i> , 2012 , 20, 332-9	4.2	11
156	Neurotrophic activity of obovatol on the cultured embryonic rat neuronal cells by increase of neurotrophin release through activation of ERK pathway. <i>European Journal of Pharmacology</i> , 2010 , 649, 168-76	5.3	11
155	Ryanodine receptor-mediated interference of neuronal cell differentiation by presenilin 2 mutation. <i>Journal of Neuroscience Research</i> , 2005 , 82, 542-50	4.4	11
154	STAT3 and p53: Dual Target for Cancer Therapy. <i>Biomedicines</i> , 2020 , 8,	4.8	11
153	Neuroprotective Effects of a Butanol Fraction of <i>Rosa hybrida</i> Petals in a Middle Cerebral Artery Occlusion Model. <i>Biomolecules and Therapeutics</i> , 2013 , 21, 454-61	4.2	11

152	Comparative Effects of Human Neural Stem Cells and Oligodendrocyte Progenitor Cells on the Neurobehavioral Disorders of Experimental Autoimmune Encephalomyelitis Mice. <i>Stem Cells International</i> , 2016 , 2016, 4079863	5	11
151	Effects of different cellulose membranes regenerated from <i>Styela clava</i> tunics on wound healing. <i>International Journal of Molecular Medicine</i> , 2017 , 39, 1173-1187	4.4	10
150	Laxative Effect of Spicatoside A by Cholinergic Regulation of Enteric Nerve in Loperamide-Induced Constipation: ICR Mice Model. <i>Molecules</i> , 2019 , 24,	4.8	10
149	Chitinase-3-like-1 deficiency attenuates ethanol-induced liver injury by inhibition of sterol regulatory element binding protein 1-dependent triglyceride synthesis. <i>Metabolism: Clinical and Experimental</i> , 2019 , 95, 46-56	12.7	10
148	IL-32 gamma reduces lung tumor development through upregulation of TIMP-3 overexpression and hypomethylation. <i>Cell Death and Disease</i> , 2018 , 9, 306	9.8	10
147	Dimeric sesquiterpene and thiophenes from the roots of <i>Echinops latifolius</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 5995-5998	2.9	10
146	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
145	The Novel Small Molecule STK899704 Promotes Senescence of the Human A549 NSCLC Cells by Inducing DNA Damage Responses and Cell Cycle Arrest. <i>Frontiers in Pharmacology</i> , 2018 , 9, 163	5.6	10
144	Anti-cancer effect of snake venom toxin through down regulation of AP-1 mediated PRDX6 expression. <i>Oncotarget</i> , 2015 , 6, 22139-51	3.3	10
143	4-O-methylhonokiol inhibits serious embryo anomalies caused by nicotine via modulations of oxidative stress, apoptosis, and inflammation. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2014 , 101, 125-34		10
142	Inhibitory effect of proanthocyanidin on ultraviolet B irradiation-induced melanogenesis. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2009 , 72, 1475-83	3.2	10
141	Reduced anxiety in the mice expressing mutant (N141) presenilin 2. <i>Journal of Neuroscience Research</i> , 2009 , 87, 522-31	4.4	10
140	Bee venom inhibits growth of human cervical tumors in mice. <i>Oncotarget</i> , 2015 , 6, 7280-92	3.3	10
139	Myelin oligodendrocyte glycoprotein (MOG35-55)-induced experimental autoimmune encephalomyelitis is ameliorated in interleukin-32 alpha transgenic mice. <i>Oncotarget</i> , 2015 , 6, 40452-63	3.3	10
138	Amelioration of Cognitive Dysfunction in APP/PS1 Double Transgenic Mice by Long-Term Treatment of 4-O-Methylhonokiol. <i>Biomolecules and Therapeutics</i> , 2014 , 22, 232-8	4.2	10
137	A dual inhibitor of the proteasome catalytic subunits LMP2 and Y attenuates disease progression in mouse models of Alzheimer's disease. <i>Scientific Reports</i> , 2019 , 9, 18393	4.9	10
136	Interleukin-32 inhibits tumor-promoting effects of macrophage-secreted CCL18 in breast cancer. <i>Cell Communication and Signaling</i> , 2019 , 17, 53	7.5	9
135	Epimagnolin A inhibits IL-6 production by inhibiting p38/NF- κ B and AP-1 signaling pathways in PMA-stimulated THP-1 cells. <i>Environmental Toxicology</i> , 2019 , 34, 796-803	4.2	9

134	LMP2 Inhibitors as a Potential Treatment for Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2020 , 63, 3763-3783	8.3	9
133	Acceleration of amyloidogenesis and memory impairment by estrogen deficiency through NF- κ B dependent beta-secretase activation in presenilin 2 mutant mice. <i>Brain, Behavior, and Immunity</i> , 2016 , 53, 113-122	16.6	9
132	Quinic acid esters from with antioxidant and tyrosinase inhibitory activities. <i>Natural Product Research</i> , 2021 , 35, 3026-3032	2.3	9
131	Co-culture with NK-92MI cells enhanced the anti-cancer effect of bee venom on NSCLC cells by inactivation of NF- κ B. <i>Archives of Pharmacal Research</i> , 2014 , 37, 379-89	6.1	9
130	IL-32 β down-regulates α integrin (CD18) expression by suppressing PU.1 expression in myeloid cells. <i>Cellular Signalling</i> , 2014 , 26, 1514-22	4.9	9
129	C-C chemokine receptor type 5 deficiency exacerbates alcoholic fatty liver disease through pro-inflammatory cytokines and chemokines-induced hepatic inflammation. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2017 , 32, 1258-1264	4	9
128	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
127	Myriocin induces apoptotic lung cancer cell death via activation of DR4 pathway. <i>Archives of Pharmacal Research</i> , 2014 , 37, 501-11	6.1	9
126	The role of nitric oxide on glutaminergic modulation of dopaminergic activation. <i>Pharmacological Research</i> , 2005 , 52, 298-301	10.2	9
125	Anti-inflammatory effect of bee venom in phthalic anhydride-induced atopic dermatitis animal model. <i>Inflammopharmacology</i> , 2020 , 28, 253-263	5.1	9
124	Antifungal drug miconazole ameliorated memory deficits in a mouse model of LPS-induced memory loss through targeting iNOS. <i>Cell Death and Disease</i> , 2020 , 11, 623	9.8	9
123	Synergistic inhibitory effect of cetuximab and tectochrysin on human colon cancer cell growth via inhibition of EGFR signal. <i>Archives of Pharmacal Research</i> , 2016 , 39, 721-9	6.1	9
122	Inhibitory effect of Carnosol on UVB-induced inflammation via inhibition of STAT3. <i>Archives of Pharmacal Research</i> , 2019 , 42, 274-283	6.1	9
121	The Anti-Inflammatory Effects of Fermented Herbal Roots of in an Ovalbumin-Induced Asthma Model. <i>Journal of Clinical Medicine</i> , 2018 , 7,	5.1	9
120	Modulation of store-operated calcium entry and nascent adhesion by p21-activated kinase 1. <i>Experimental and Molecular Medicine</i> , 2018 , 50, 1-10	12.8	9
119	CCR5 deficiency increased susceptibility to lipopolysaccharide-induced acute renal injury. <i>Archives of Toxicology</i> , 2016 , 90, 1151-62	5.8	8
118	Inhibition of IL-13 and IL-13R α Expression by IL-32 β in Human Monocytic Cells Requires PKC δ and STAT3 Association. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
117	Decreased Lung Tumor Development in SwAPP Mice through the Downregulation of CHI3L1 and STAT 3 Activity via the Upregulation of miRNA342-3p. <i>Molecular Therapy - Nucleic Acids</i> , 2019 , 16, 63-72	10.7	8

116	Enhanced cell growth inhibition by thiacremonone in paclitaxel-treated lung cancer cells. <i>Archives of Pharmacal Research</i> , 2015 , 38, 1351-62	6.1	8
115	Novel synthetic (E)-2-methoxy-4-(3-(4-methoxyphenyl) prop-1-en-1-yl) phenol inhibits arthritis by targeting signal transducer and activator of transcription 3. <i>Scientific Reports</i> , 2016 , 6, 36852	4.9	8
114	IL-32 β suppresses lung cancer stem cell growth via inhibition of ITGAV-mediated STAT5 pathway. <i>Cell Death and Disease</i> , 2019 , 10, 506	9.8	8
113	Anti-Oxidant Activity of Gallotannin-Enriched Extract of Galla Rhois Can Associate with the Protection of the Cognitive Impairment through the Regulation of BDNF Signaling Pathway and Neuronal Cell Function in the Scopolamine-Treated ICR Mice. <i>Antioxidants</i> , 2019 , 8,	7.1	8
112	(E)-2-Methoxy-4-(3-(4-methoxyphenyl) prop-1-en-1-yl) Phenol Ameliorates LPS-Mediated Memory Impairment by Inhibition of STAT3 Pathway. <i>NeuroMolecular Medicine</i> , 2017 , 19, 555-570	4.6	8
111	Alleviation of kainic acid-induced brain barrier dysfunction by 4-o-methylhonokiol in in vitro and in vivo models. <i>BioMed Research International</i> , 2015 , 2015, 893163	3	8
110	Sleep-Aids Derived from Natural Products. <i>Biomolecules and Therapeutics</i> , 2018 , 26, 343-349	4.2	8
109	Fermented mulberry (<i>Morus alba</i>) leaves suppress high fat diet-induced hepatic steatosis through amelioration of the inflammatory response and autophagy pathway. <i>BMC Complementary Medicine and Therapies</i> , 2020 , 20, 283	2.9	8
108	Caffeic Acid Cyclohexylamide Rescues Lethal Inflammation in Septic Mice through Inhibition of I κ B Kinase in Innate Immune Process. <i>Scientific Reports</i> , 2017 , 7, 41180	4.9	7
107	(E)-2-methoxy-4-(3-(4-methoxyphenyl)prop-1-en-1-yl)phenol suppresses ovarian cancer cell growth via inhibition of ERK and STAT3. <i>Molecular Carcinogenesis</i> , 2017 , 56, 2003-2013	5	7
106	Activated Natural Killer Cells Mediate the Suppressive Effect of Interleukin-4 on Tumor Development via STAT6 Activation in an Atopic Condition Melanoma Model. <i>Neoplasia</i> , 2017 , 19, 537-548	6.4	7
105	Loss of parkin reduces lung tumor development by blocking p21 degradation. <i>PLoS ONE</i> , 2019 , 14, e0217037	3.97	7
104	Effect of a Combination of Prednisone or Mycophenolate Mofetil and Mesenchymal Stem Cells on Lupus Symptoms in MRL Mice. <i>Stem Cells International</i> , 2018 , 2018, 4273107	5	7
103	Identification of the responsible proteins for increased selenium bioavailability in the brain of transgenic rats overexpressing selenoprotein M. <i>International Journal of Molecular Medicine</i> , 2014 , 34, 1688-98	4.4	7
102	Mutant presenilin 2 causes abnormality in the brain lipid profile in the development of Alzheimer's disease. <i>Archives of Pharmacal Research</i> , 2006 , 29, 884-9	6.1	7
101	H9 Inhibits Tumor Growth and Induces Apoptosis via Intrinsic and Extrinsic Signaling Pathway in Human Non-Small Cell Lung Cancer Xenografts. <i>Journal of Microbiology and Biotechnology</i> , 2015 , 25, 648-57	3.3	7
100	PEGylated Erythropoietin Protects against Brain Injury in the MCAO-Induced Stroke Model by Blocking NF- κ B Activation. <i>Biomolecules and Therapeutics</i> , 2020 , 28, 152-162	4.2	7
99	Hepatoprotective Effect of Gallotannin-enriched Extract Isolated from Gall on Hydrogen Peroxide-induced Cytotoxicity in HepG2 Cells. <i>Pharmacognosy Magazine</i> , 2017 , 13, S294-S300	0.8	7

98	Spicatoside A in red Liriodendron platyphylla displays a laxative effect in a constipation rat model via regulating mAChRs and ER stress signaling. <i>International Journal of Molecular Medicine</i> , 2019 , 43, 185-198	4.4	7
97	Enhanced dopaminergic neurotoxicity mediated by MPTP in IL-32 transgenic mice. <i>Neurochemistry International</i> , 2017 , 102, 79-88	4.4	6
96	Combination Effect of Titrated Extract of and Astaxanthin in a Mouse Model of Phthalic Anhydride-Induced Atopic Dermatitis. <i>Allergy, Asthma and Immunology Research</i> , 2019 , 11, 548-559	5.3	6
95	Constipation in Tg2576 mice model for Alzheimer's disease associated with dysregulation of mechanism involving the mAChR signaling pathway and ER stress response. <i>PLoS ONE</i> , 2019 , 14, e0215203	3.7	6
94	Effect of Human Mesenchymal Stem Cells on Xenogeneic T and B Cells Isolated from Lupus-Prone MRL Mice. <i>Stem Cells International</i> , 2020 , 2020, 5617192	5	6
93	Phenolic amides from Tribulus terrestris and their inhibitory effects on nitric oxide production in RAW 264.7 cells. <i>Archives of Pharmacal Research</i> , 2018 , 41, 192-195	6.1	6
92	Lathyrane-Type Diterpenoids from the Seeds of Euphorbia lathyris L. with Inhibitory Effects on NO Production in RAW 264.7 Cells. <i>Chemistry and Biodiversity</i> , 2018 , 15, e1800144	2.5	6
91	Peroxiredoxin 6 Inhibits Osteogenic Differentiation and Bone Formation Through Human Dental Pulp Stem Cells and Induces Delayed Bone Development. <i>Antioxidants and Redox Signaling</i> , 2019 , 30, 1969-1982	8.4	6
90	Lignans from with Inhibitory Effects on Nitric Oxide Production. <i>Journal of Natural Products</i> , 2019 , 82, 3002-3009	4.9	6
89	Synthesis and anti-platelet activity of obovatol derivatives. <i>Archives of Pharmacal Research</i> , 2011 , 34, 1107-12	6.1	6
88	Inhibitory effects of OD 78 [3-(4-bromo-phenoxy)-4,5-dihydroxybenzoic acid-methyl ester] on the proliferation and migration of TNF- α -induced rat aortic smooth muscle cells. <i>Archives of Pharmacal Research</i> , 2011 , 34, 1191-9	6.1	6
87	Decrease in NF-kappaB, AP-1 and SP-1 activities in neuronal cells expressing presenilin 2. <i>NeuroReport</i> , 2005 , 16, 731-5	1.7	6
86	Activation of AMPK/aPKC/CREB pathway by metformin is associated with upregulation of GDNF and dopamine. <i>Biochemical Pharmacology</i> , 2020 , 180, 114193	6	6
85	Synthesis, biological evaluation, and metabolic stability of chlorogenic acid derivatives possessing thiazole as potent inhibitors of α -MSH-stimulated melanogenesis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 4854-4857	2.9	5
84	Potentiation of decursinol angelate on pentobarbital-induced sleeping behaviors the activation of GABA-ergic systems in rodents. <i>Korean Journal of Physiology and Pharmacology</i> , 2017 , 21, 27-36	1.8	5
83	Melanogenesis inhibitory pregnane glycosides from Cynanchum atratum. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018 , 28, 1252-1256	2.9	5
82	Inhibition of Lung Tumor Development in ApoE Knockout Mice via Enhancement of TREM-1 Dependent NK Cell Cytotoxicity. <i>Frontiers in Immunology</i> , 2019 , 10, 1379	8.4	5
81	Bee venom phospholipase A2 ameliorates amyloidogenesis and neuroinflammation through inhibition of signal transducer and activator of transcription-3 pathway in Tg2576 mice. <i>Translational Neurodegeneration</i> , 2019 , 8, 26	10.3	5

80	Determination of Rebamipide in Human Plasma by HPLC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004 , 27, 1925-1935	1.3	5
79	KRICT-9 inhibits neuroinflammation, amyloidogenesis and memory loss in Alzheimer's disease models. <i>Oncotarget</i> , 2017 , 8, 68654-68667	3.3	5
78	(E)-4-(3-(3,5-dimethoxyphenyl)allyl)-2-methoxyphenol inhibits growth of colon tumors in mice. <i>Oncotarget</i> , 2015 , 6, 41929-43	3.3	5
77	Sinomenine, an Alkaloid Derived from Potentiates Pentobarbital-Induced Sleep Behaviors and Non-Rapid Eye Movement (NREM) Sleep in Rodents. <i>Biomolecules and Therapeutics</i> , 2017 , 25, 586-592	4.2	5
76	Improved Anti-Inflammatory Effects of Liposomal Astaxanthin on a Phthalic Anhydride-Induced Atopic Dermatitis Model. <i>Frontiers in Immunology</i> , 2020 , 11, 565285	8.4	5
75	Limonene has anti-anxiety activity via adenosine A2A receptor-mediated regulation of dopaminergic and GABAergic neuronal function in the striatum. <i>Phytomedicine</i> , 2021 , 83, 153474	6.5	5
74	Paeonolide as a Novel Regulator of Core-Binding Factor Subunit Alpha-1 in Bone-Forming Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
73	Anti-cancer effect of N-(3,5-bis(trifluoromethyl)phenyl)-5-chloro-2,3-dihydronaphtho[1,2-b]furan-2-carboxamide, a novel synthetic compound. <i>Molecular Carcinogenesis</i> , 2016 , 55, 659-70	5	5
72	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
71	(-)-Epigallocatechin-3-O-gallate (EGCG) attenuates the hemodynamics stimulated by caffeine through decrease of catecholamines release. <i>Archives of Pharmacal Research</i> , 2016 , 39, 1307-12	6.1	5
70	Bee Venom Soluble Phospholipase A2 Exerts Neuroprotective Effects in a Lipopolysaccharide-Induced Mouse Model of Alzheimer's Disease Inhibition of Nuclear Factor-Kappa B. <i>Frontiers in Aging Neuroscience</i> , 2019 , 11, 287	5.3	5
69	Ginseng Saponin Enriched in Rh1 and Rg2 Ameliorates Nonalcoholic Fatty Liver Disease by Inhibiting Inflammasome Activation. <i>Nutrients</i> , 2021 , 13,	6.7	5
68	Two New Iridoids from the Stem of <i>Catalpa ovata</i> . <i>Helvetica Chimica Acta</i> , 2015 , 98, 381-385	2	4
67	Isolation and identification of antiproliferative substances from ginseng fermented using <i>Ganoderma lucidum</i> mycelia. <i>Food Science and Biotechnology</i> , 2015 , 24, 567-574	3	4
66	Peptide nucleic acid (PNA) probe-based analysis to detect filaggrin mutations in atopic dermatitis patients. <i>Experimental Dermatology</i> , 2018 , 27, 1304-1308	4	4
65	Inhibition of extracellular signal-regulated kinase activity improves cognitive function in Tg2576 mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012 , 39, 852-7	3	4
64	Anxiolytic Effect of a Combination of Green Tea Extract and L-theanine. <i>Laboratory Animal Research</i> , 2010 , 26, 63	1.9	4
63	Stimulation of cell growth by erythropoietin in RAW264.7 cells: association with AP-1 activation. <i>Archives of Pharmacal Research</i> , 2006 , 29, 218-23	6.1	4

62	Mutant presenilin 2 increases acetylcholinesterase activity in neuronal cells. <i>Archives of Pharmacol Research</i> , 2005 , 28, 1073-8	6.1	4
61	Limonene Inhibits Methamphetamine-Induced Sensitizations via the Regulation of Dopamine Receptor Supersensitivity. <i>Biomolecules and Therapeutics</i> , 2019 , 27, 357-362	4.2	4
60	Dopamine D1 receptor antagonist reduces stimulant-induced conditioned place preferences and dopamine receptor supersensitivity. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020 , 393, 131-138	3.4	4
59	Antioxidant activity and laxative effects of tannin-enriched extract of <i>Ecklonia cava</i> in loperamide-induced constipation of SD rats. <i>PLoS ONE</i> , 2021 , 16, e0246363	3.7	4
58	D-limonene Inhibits Pentylentetrazole-Induced Seizure via Adenosine A2A Receptor Modulation on GABAergic Neuronal Activity. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
57	Chitinase 3 like 1 suppresses the stability and activity of p53 to promote lung tumorigenesis. <i>Cell Communication and Signaling</i> , 2020 , 18, 5	7.5	3
56	Therapeutic potency of fermented field water-dropwort ((Blume) DC.) in ethanol-induced liver injury.. <i>RSC Advances</i> , 2020 , 10, 1544-1551	3.7	3
55	Anxiolytic-like effects of the ethanol extract of <i>Magnolia obovata</i> leaves through its effects on GABA-benzodiazepine receptor and neuroinflammation. <i>Behavioural Brain Research</i> , 2020 , 383, 112518	3.4	3
54	Inhibition of p38 pathway-dependent MPTP-induced dopaminergic neurodegeneration in estrogen receptor alpha knockout mice. <i>Hormones and Behavior</i> , 2016 , 80, 19-29	3.7	3
53	A novel organosulfur compound, thiacremonone, regulates RANKL-induced osteoclast differentiation. <i>RSC Advances</i> , 2017 , 7, 30657-30662	3.7	3
52	Dodeca-2(E),4(E)-dienoic acid isobutylamide enhances glucose uptake in 3T3-L1 cells via activation of Akt signaling. <i>Molecular and Cellular Biochemistry</i> , 2017 , 426, 9-15	4.2	3
51	Epothilones Suppress Neointimal Thickening in the Rat Carotid Balloon-Injury Model by Inducing Vascular Smooth Muscle Cell Apoptosis through p53-Dependent Signaling Pathway. <i>PLoS ONE</i> , 2016 , 11, e0155859	3.7	3
50	Selection and Characterization of YKL-40-Targeting Monoclonal Antibodies from Human Synthetic Fab Phage Display Libraries. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
49	Phorbol ester activates human mesenchymal stem cells to inhibit B cells and ameliorate lupus symptoms in MRL mice. <i>Theranostics</i> , 2020 , 10, 10186-10199	12.1	3
48	Molecular Characterization of Constipation Disease as Novel Phenotypes in CRISPR-Cas9-Generated Leptin Knockout Mice with Obesity. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
47	Deficiency of complement component 3 may be linked to the development of constipation in FVB/N-C3 /Korl mice. <i>FASEB Journal</i> , 2021 , 35, e21221	0.9	3
46	Parkin deficiency prevents chronic ethanol-induced hepatic lipid accumulation through Eatenin accumulation. <i>Cell Communication and Signaling</i> , 2019 , 17, 104	7.5	2
45	(E)-2-methoxy-4-(3-(4-methoxyphenyl) prop-1-en-1-yl) Phenol Ameliorates MPTP-Induced Dopaminergic Neurodegeneration by Inhibiting the STAT3 Pathway. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	2

44	Replacement techniques to reduce animal experiments in drug and nanoparticle development. <i>Journal of Pharmaceutical Investigation</i> , 2020 , 50, 327-335	6.3	2
43	Ethanol extracts collected from the tunic alleviate hepatic injury induced by carbon tetrachloride (CCl ₄) through inhibition of hepatic apoptosis, inflammation, and fibrosis. <i>Journal of Toxicologic Pathology</i> , 2017 , 30, 291-306	1.4	2
42	A small molecule, (E)-2-methoxy-4-(3-(4-methoxyphenyl) prop-1-en-1-yl) phenol suppresses tumor growth via inhibition of I κ B kinase β in colorectal cancer and. <i>Oncotarget</i> , 2017 , 8, 91258-91269	3.3	2
41	(E)-2-Methoxy-4-(3-(4-methoxyphenyl) prop-1-en-1-yl) phenol attenuates PMA-induced inflammatory responses in human monocytic cells through PKC β /JNK/AP-1 pathways. <i>European Journal of Pharmacology</i> , 2018 , 825, 19-27	5.3	2
40	Enhanced neuroinflammatory responses after systemic LPS injection in IL-32 β transgenic mice. <i>Journal of Chemical Neuroanatomy</i> , 2018 , 94, 173-182	3.2	2
39	Chemopreventive effects of elm tree bark extract on Helicobacter pylori-associated mouse gastric carcinogenesis. <i>Basic and Applied Pathology</i> , 2012 , 5, 31-38		2
38	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
37	PS2 mutation increases neuronal cell vulnerability to neurotoxicants through activation of caspase-3 by enhancing of ryanodine receptor-mediated calcium release. <i>FASEB Journal</i> , 2006 , 20, 151-153	8.9	2
36	Determination of a Ginseng Saponin Metabolite, IH901, in Rat Plasma by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005 , 28, 3205-3216	1.3	2
35	A small molecule targeting CHI3L1 inhibits lung metastasis by blocking IL-13R α -mediated JNK-AP-1 signals. <i>Molecular Oncology</i> , 2021 , 16, 508	7.9	2
34	()-2-Methoxy-4-(3-(4-Methoxyphenyl)Prop-1-en-1-yl)Phenol Induces Apoptosis in HeLa Cervical Cancer Cells via the Extrinsic Apoptotic Pathway. <i>Journal of Microbiology and Biotechnology</i> , 2017 , 27, 1359-1366	3.3	2
33	Calycosin-7-O- β -Glucoside Isolated from Promotes Osteogenesis and Mineralization in Human Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
32	Biological Mechanisms of Paeonoside in the Differentiation of Pre-Osteoblasts and the Formation of Mineralized Nodules. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
31	Rhynchophylline, One of Major Constituents of Uncariae Ramulus et Uncus Enhances Pentobarbital-induced Sleep Behaviors and Rapid Eye Movement Sleep in Rodents. <i>Natural Product Sciences</i> , 2016 , 22, 263	1.1	2
30	Characterization of morphological changes of B16 melanoma cells under natural killer cell attack. <i>International Immunopharmacology</i> , 2019 , 67, 366-371	5.8	2
29	Inhibition of Chitinase-3-like-1 by K284-6111 Reduces Atopic Skin Inflammation via Repressing Lactoferrin. <i>Immune Network</i> , 2021 , 21, e22	6.1	2
28	Generation of a human induced pluripotent stem cell line, KSCBi003-A, from human adipose tissue-derived mesenchymal stem cells using a chromosomal integration-free system. <i>Stem Cell Research</i> , 2018 , 31, 1-4	1.6	2
27	Dysbiosis of Fecal Microbiota From Complement 3 Knockout Mice With Constipation Phenotypes Contributes to Development of Defecation Delay. <i>Frontiers in Physiology</i> , 2021 , 12, 650789	4.6	2

26	Peroxiredoxin 6 mediates acetaminophen-induced hepatocyte death through JNK activation. <i>Redox Biology</i> , 2020 , 32, 101496	11.3	1
25	A novel tubulin inhibitor STK899704 induces tumor regression in DMBA/TPA-induced skin carcinogenesis model. <i>Experimental Dermatology</i> , 2018 , 27, 285-288	4	1
24	11-O-Galloyl Bergenin from Leaves Induces Autophagy and Apoptosis in Human Osteosarcoma.. <i>The American Journal of Chinese Medicine</i> , 2021 , 49, 2017-2031	6	1
23	Anti-Cancer Effect of the Combination of Thiacremonone and Docetaxel by Inactivation of NF-B in Human Cancer Cells. <i>Biomolecules and Therapeutics</i> , 2009 , 17, 403-411	4.2	1
22	Anti-inflammatory effects of extract in phthalic-anhydride-induced atopic dermatitis of IL-4/Luc/CNS-1 transgenic mice. <i>Pharmaceutical Biology</i> , 2020 , 58, 1263-1276	3.8	1
21	PRDX6 inhibits neurogenesis of neural precursor cells through downregulation of wdfy1 mediated TLR4 signal		1
20	K284-6111 alleviates memory impairment and neuroinflammation in Tg2576 mice by inhibition of Chitinase-3-like 1 regulating ERK-dependent PTX3 pathway. <i>Journal of Neuroinflammation</i> , 2020 , 17, 350	10.1	1
19	Effects of Gallotannin-Enriched Extract of <i>Galla Rhois</i> on the Activation of Apoptosis, Cell Cycle Arrest, and Inhibition of Migration Ability in LLC1 Cells and LLC1 Tumors. <i>Pathology and Oncology Research</i> , 2021 , 27, 588084	2.6	1
18	Interleukin-32 Triggers Cellular Senescence and Reduces Sensitivity to Doxorubicin-Mediated Cytotoxicity in MDA-MB-231 Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
17	Macrocyclic Immunoproteasome Inhibitors as a Potential Therapy for Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 10934-10950	8.3	1
16	Diterpenoids and Diacetylenes from the Roots of with Inhibitory Effects on Nitric Oxide Production. <i>Journal of Natural Products</i> , 2021 , 84, 230-238	4.9	1
15	Phosphorylation of Ectenin Ser60 by polo-like kinase 1 drives the completion of cytokinesis. <i>EMBO Reports</i> , 2021 , 22, e51503	6.5	1
14	CD48-expressing non-small-cell lung cancer cells are susceptible to natural killer cell-mediated cytotoxicity.. <i>Archives of Pharmacal Research</i> , 2021 , 45, 1	6.1	1
13	Falcarindiol Stimulates Apoptotic and Autophagic Cell Death to Attenuate Cell Proliferation, Cell Division, and Metastasis through the PI3K/AKT/mTOR/p70S6K Pathway in Human Oral Squamous Cell Carcinomas.. <i>The American Journal of Chinese Medicine</i> , 2021 , 1-17	6	1
12	In vitro anticancer evaluation of micelles containing N-(4-(2-((4-methoxybenzyl)amino)ethyl)phenyl)heptanamide, an analogue of fingolimod. <i>Archives of Pharmacal Research</i> , 2020 , 43, 1046-1055	6.1	0
11	Piperidylmethoxychalcone improves immune-mediated acute liver failure via inhibiting TAK1 activity. <i>Experimental and Molecular Medicine</i> , 2017 , 49, e392	12.8	0
10	Amyloidogenic, neuroinflammatory and memory dysfunction effects of HIV-1 gp120. <i>Archives of Pharmacal Research</i> , 2021 , 44, 689-701	6.1	0
9	G721-0282 Exerts Anxiolytic-Like Effects on Chronic Unpredictable Mild Stress in Mice Through Inhibition of Chitinase-3-Like 1-Mediated Neuroinflammation.. <i>Frontiers in Cellular Neuroscience</i> , 2022 , 16, 793835	6.1	0

- 8 Prevention of multiple system atrophy using human bone marrow-derived mesenchymal stem cells by reducing polyamine and cholesterol-induced neural damages. *Stem Cell Research and Therapy*, **2020**, 11, 63 8.3
- 7 Fermented field water-dropwort (*Oenanthe javanica*) alleviates diet-induced non-alcoholic steatohepatitis. *Food and Agricultural Immunology*, **2022**, 33, 20-34 2.9
- 6 Points to consider for COVID-19 vaccine quality control and national lot release in Republic of Korea: focus on a viral vector platform.. *Osong Public Health and Research Perspectives*, **2022**, 13, 4-14 6.1
- 5 Anti-cancer effects of Hederoside C, a pentacyclic triterpene saponin, through the intrinsic apoptosis and STAT3 signaling pathways in osteosarcoma. *American Journal of Cancer Research*, **2021**, 11, 4541-4550 4.4
- 4 Anti-Proliferative Activity of OD78 Is Mediated through Cell Cycle Progression by Upregulation p27kip1 in Rat Aortic Vascular Smooth Muscle Cells. *Biomolecules and Therapeutics*, **2011**, 19, 187-194 4.2
- 3 New therapeutic strategy for atopic dermatitis by targeting CHI3L1/ITGA5 axis.. *Clinical and Translational Medicine*, **2022**, 12, e739 5.7
- 2 Telephoric acid, p-terphenyl, induces bone-forming activities in pre-osteoblasts. *Journal of Functional Foods*, **2022**, 91, 105036 5.1
- 1 Sec-O-glucosylhamaudol promotes the osteogenesis of pre-osteoblasts via BMP2 and Wnt3a signaling. *Journal of Functional Foods*, **2022**, 94, 105112 5.1