

Chang-Seon Myung

List of Publications by Year in Descending Order

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

89
papers

1,479
citations

22
h-index

33
g-index

92
ext. papers

1,735
ext. citations

4.8
avg, IF

4.52
L-index

#	Paper	IF	Citations
89	Garcinia Cambogia Improves High-Fat Diet-Induced Glucose Imbalance By Enhancing Calcium/CaMKII/AMPK/GLUT4-Mediated Glucose Uptake In Skeletal Muscle.. <i>Molecular Nutrition and Food Research</i> , 2022 , e2100669	5.9	1
88	Sodium propionate exerts anticancer effect in mice bearing breast cancer cell xenograft by regulating JAK2/STAT3/ROS/p38 MAPK signaling. <i>Acta Pharmacologica Sinica</i> , 2021 , 42, 1311-1323	8	3
87	Effects of combination treatment with cilnidipine and telmisartan on hypertension, cardiovascular injury, and high blood glucose. <i>Journal of Pharmaceutical Investigation</i> , 2021 , 51, 337-346	6.3	1
86	Ginsenoside Rh1 Induces MCF-7 Cell Apoptosis and Autophagic Cell Death through ROS-Mediated Akt Signaling. <i>Cancers</i> , 2021 , 13,	6.6	9
85	Rosuvastatin Inhibits the Apoptosis of Platelet-Derived Growth Factor-Stimulated Vascular Smooth Muscle Cells by Inhibiting p38 via Autophagy. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021 , 378, 10-19	4.7	1
84	attenuates adipogenesis by affecting CEBPB and SQSTM1/p62-mediated selective autophagic degradation of KLF3 through RPS6KA1 and STAT3 suppression. <i>Autophagy</i> , 2021 , 1-22	10.2	2
83	Ginsenoside-Rg2 exerts anti-cancer effects through ROS-mediated AMPK activation associated mitochondrial damage and oxidation in MCF-7 cells. <i>Archives of Pharmacol Research</i> , 2021 , 44, 702-712	6.1	6
82	Garcinia cambogia suppresses adipogenesis in 3T3-L1 cells by inhibiting p90RSK and Stat3 activation during mitotic clonal expansion. <i>Journal of Cellular Physiology</i> , 2021 , 236, 1822-1839	7	8
81	Regulation of autophagy by controlling Erk1/2 and mTOR for platelet-derived growth factor-BB-mediated vascular smooth muscle cell phenotype shift. <i>Life Sciences</i> , 2021 , 267, 118978	6.8	6
80	Ameliorates Non-Alcoholic Fatty Liver Disease by Inhibiting Oxidative Stress-Mediated Steatosis and Apoptosis through NRF2-ARE Activation. <i>Antioxidants</i> , 2021 , 10,	7.1	4
79	Cytokine-induced apoptosis inhibitor 1 (CIAPIN1) accelerates vascular remodelling via p53 and JAK2-STAT3 regulation in vascular smooth muscle cells. <i>British Journal of Pharmacology</i> , 2021 , 178, 4533-4551	8.6	3
78	Ginsenoside Rh1 Prevents Migration and Invasion through Mitochondrial ROS-Mediated Inhibition of STAT3/NF- κ B Signaling in MDA-MB-231 Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
77	Therapeutic effects of celecoxib polymeric systems in rat models of inflammation and adjuvant-induced rheumatoid arthritis. <i>Materials Science and Engineering C</i> , 2020 , 114, 111042	8.3	8
76	The effects of combined treatment of losartan and ramipril on hypertension and related complications. <i>Journal of Pharmaceutical Investigation</i> , 2020 , 50, 573-581	6.3	4
75	Inhibition of p90RSK is critical to abolish Angiotensin II-induced rat aortic smooth muscle cell proliferation and migration. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 523, 267-273	3.4	6
74	Statistical Design of Sustained-Release Tablet Extract and Bioconverted Mulberry Leaf Extract for Anti-Obesity. <i>Pharmaceutics</i> , 2020 , 12,	6.4	1
73	Minor Ginsenoside Rg2 and Rh1 Attenuates LPS-Induced Acute Liver and Kidney Damages via Downregulating Activation of TLR4-STAT1 and Inflammatory Cytokine Production in Macrophages. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	21

72	Correction: Inhibitory Effect of Ginsenosides Rh1 and Rg2 on Oxidative Stress in LPS-Stimulated RAW 264.7 Cells. <i>Journal of Bacteriology and Virology</i> , 2019 , 49, 93	0.3	
71	Hepatoprotective effects of an Acer tegmentosum Maxim extract through antioxidant activity and the regulation of autophagy. <i>Journal of Ethnopharmacology</i> , 2019 , 239, 111912	5	6
70	Effects of unaltered and bioconverted mulberry leaf extracts on cellular glucose uptake and antidiabetic action in animals. <i>BMC Complementary and Alternative Medicine</i> , 2019 , 19, 55	4.7	10
69	Inhibition of p90RSK activation sensitizes triple-negative breast cancer cells to cisplatin by inhibiting proliferation, migration and EMT. <i>BMB Reports</i> , 2019 , 52, 706-711	5.5	8
68	Formulation and statistical analysis of an herbal medicine tablet containing Morus alba leaf extracts. <i>Journal of Pharmaceutical Investigation</i> , 2019 , 49, 625-634	6.3	10
67	Cucurbitane Triterpenoids from the Fruits of Momordica Charantia Improve Insulin Sensitivity and Glucose Homeostasis in Streptozotocin-Induced Diabetic Mice. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1700769	5.9	31
66	Lipolytic effect of compounds isolated from leaves of mulberry (Morus alba L.) in 3T3-L1 adipocytes. <i>Natural Product Research</i> , 2018 , 32, 1963-1966	2.3	12
65	Synthesis of Novel 3-N-substituted Carbazole Derivatives and Evaluation of their Abilities to Inhibit Platelet Aggregation. <i>Bulletin of the Korean Chemical Society</i> , 2018 , 39, 726-728	1.2	0
64	Anti-apoptotic effects of autophagy via ROS regulation in microtubule-targeted and PDGF-stimulated vascular smooth muscle cells. <i>Korean Journal of Physiology and Pharmacology</i> , 2018 , 22, 349-360	1.8	13
63	Inhibitory Effect of Ginsenosides Rh1 and Rg2 on Oxidative Stress in LPS-Stimulated RAW 264.7 Cells. <i>Journal of Bacteriology and Virology</i> , 2018 , 48, 156	0.3	8
62	Alleviation of ascorbic acid-induced gastric high acidity by calcium ascorbate and. <i>Korean Journal of Physiology and Pharmacology</i> , 2018 , 22, 35-42	1.8	3
61	Inhibition of Proliferation of Vascular Smooth Muscle Cells by Cucurbitanes from Momordica charantia. <i>Journal of Natural Products</i> , 2017 , 80, 2018-2025	4.9	11
60	Traditional medicine, Sobokchuko-Tang, modulates the inflammatory response in adipocytes and macrophages. <i>Molecular Medicine Reports</i> , 2017 , 15, 117-124	2.9	3
59	Rubiarbonone C inhibits platelet-derived growth factor-induced proliferation and migration of vascular smooth muscle cells through the focal adhesion kinase, MAPK and STAT3 Tyr signalling pathways. <i>British Journal of Pharmacology</i> , 2017 , 174, 4140-4154	8.6	32
58	Effects of combination therapy with candesartan and ramipril on hypertension and related complications. <i>Journal of Pharmaceutical Investigation</i> , 2017 , 47, 365-371	6.3	2
57	Inhibition of Collagen-Induced Platelet Aggregation by the Secobutanolide Secolincomolide A from Blume. <i>Frontiers in Pharmacology</i> , 2017 , 8, 560	5.6	9
56	Herbal medicine Shaofu Zhuyu decoction for primary dysmenorrhea: a systematic review protocol. <i>Systematic Reviews</i> , 2016 , 5, 9	3	7
55	Herbal medicine (Shaofu Zhuyu decoction) for treating primary dysmenorrhea: A systematic review of randomized clinical trials. <i>Maturitas</i> , 2016 , 86, 64-73	5	20

54	The combination of valsartan and ramipril protects against blood vessel injury and lowers blood pressure. <i>Journal of Pharmaceutical Investigation</i> , 2016 , 46, 265-272	6.3	5
53	Arborinane Triterpenoids from <i>Rubia philippinensis</i> Inhibit Proliferation and Migration of Vascular Smooth Muscle Cells Induced by the Platelet-Derived Growth Factor. <i>Journal of Natural Products</i> , 2016 , 79, 2559-2569	4.9	17
52	Pentacyclic Triterpenoids from <i>Astilbe rivularis</i> that Enhance Glucose Uptake via the Activation of Akt and Erk1/2 in C2C12 Myotubes. <i>Journal of Natural Products</i> , 2015 , 78, 1005-14	4.9	28
51	Tadalafil-loaded nanostructured lipid carriers using permeation enhancers. <i>International Journal of Pharmaceutics</i> , 2015 , 495, 701-9	6.5	38
50	Murrayafoline A Induces a G0/G1-Phase Arrest in Platelet-Derived Growth Factor-Stimulated Vascular Smooth Muscle Cells. <i>Korean Journal of Physiology and Pharmacology</i> , 2015 , 19, 421-6	1.8	7
49	Steroidal Alkaloids from <i>Veratrum nigrum</i> Enhance Glucose Uptake in Skeletal Muscle Cells. <i>Journal of Natural Products</i> , 2015 , 78, 803-10	4.9	26
48	Differential Gene Expression in GPR40-Overexpressing Pancreatic β cells Treated with Linoleic Acid. <i>Korean Journal of Physiology and Pharmacology</i> , 2015 , 19, 141-9	1.8	7
47	Sesamin Inhibits PDGF-Mediated Proliferation of Vascular Smooth Muscle Cells by Upregulating p21 and p27. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 7317-25	5.7	19
46	Combined delivery of the adiponectin gene and rosiglitazone using cationic lipid emulsions. <i>International Journal of Pharmaceutics</i> , 2015 , 483, 124-30	6.5	8
45	Antiplatelet action of indirubin-3Smonoxime through suppression of glycoprotein VI-mediated signal transduction: a possible role for ERK signaling in platelets. <i>Vascular Pharmacology</i> , 2014 , 63, 182-92 ⁹	5.9	8
44	Inhibitory effect of a novel naphthoquinone derivative on proliferation of vascular smooth muscle cells through suppression of platelet-derived growth factor receptor β tyrosine kinase. <i>European Journal of Pharmacology</i> , 2014 , 733, 81-9	5.3	7
43	The effects of propionate and valerate on insulin responsiveness for glucose uptake in 3T3-L1 adipocytes and C2C12 myotubes via G protein-coupled receptor 41. <i>PLoS ONE</i> , 2014 , 9, e95268	3.7	29
42	Preliminary study to determine the optimal conditions for the simultaneous complexation of siRNA and plasmid DNA. <i>Journal of Pharmaceutical Investigation</i> , 2013 , 43, 499-505	6.3	3
41	5,8-Dimethoxy-2-Nonylamino-Naphthalene-1,4-Dione Inhibits Vascular Smooth Muscle Cell Proliferation by Blocking Autophosphorylation of PDGF-Receptor β <i>Korean Journal of Physiology and Pharmacology</i> , 2013 , 17, 203-8	1.8	6
40	Extract of <i>Ulmus macrocarpa</i> Hance prevents thrombus formation through antiplatelet activity. <i>Molecular Medicine Reports</i> , 2013 , 8, 726-30	2.9	8
39	(2S)-naringenin from <i>Typha angustata</i> inhibits vascular smooth muscle cell proliferation via a G0/G1 arrest. <i>Journal of Ethnopharmacology</i> , 2012 , 139, 873-8	5	24
38	Effect of eriodictyol on glucose uptake and insulin resistance in vitro. <i>Journal of Agricultural and Food Chemistry</i> , 2012 , 60, 7652-8	5.7	72
37	Morusinol extracted from <i>Morus alba</i> inhibits arterial thrombosis and modulates platelet activation for the treatment of cardiovascular disease. <i>Journal of Atherosclerosis and Thrombosis</i> , 2012 , 19, 516-22 ⁴	4	22

36	Stimulation of glucose uptake and improvement of insulin resistance by aromadendrin. <i>Pharmacology</i> , 2011 , 88, 266-74	2.3	26
35	Anti-proliferative actions of 2-decylamino-5,8-dimethoxy-1,4-naphthoquinone in vascular smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 411, 213-8	3.4	14
34	Inhibitory effect of fenofibrate on neointima hyperplasia via G(0)/G(1) arrest of cell proliferation. <i>European Journal of Pharmacology</i> , 2011 , 650, 342-9	5.3	22
33	Sphingosylphosphorylcholine attenuated β amyloid production by reducing BACE1 expression and catalysis in PC12 cells. <i>Neurochemical Research</i> , 2011 , 36, 2083-90	4.6	11
32	Synergistic improvement in insulin resistance with a combination of fenofibrate and rosiglitazone in obese type 2 diabetic mice. <i>Archives of Pharmacal Research</i> , 2011 , 34, 615-24	6.1	6
31	A new iridoid and effect on the rat aortic vascular smooth muscle cell proliferation of isolated compounds from <i>Buddleja officinalis</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 3462-6	2.9	21
30	Construction of adiponectin-encoding plasmid DNA and gene therapy of non-obese type 2 diabetes mellitus. <i>Journal of Drug Targeting</i> , 2010 , 18, 67-77	5.4	13
29	7-O-methylaromadendrin stimulates glucose uptake and improves insulin resistance in vitro. <i>Biological and Pharmaceutical Bulletin</i> , 2010 , 33, 1494-9	2.3	38
28	Age-related changes in hepatic expression and activity of cytochrome P450 in male rats. <i>Archives of Toxicology</i> , 2010 , 84, 939-46	5.8	43
27	The protective effects of paclitaxel on platelet aggregation through the inhibition of thromboxane A2 synthase. <i>Archives of Pharmacal Research</i> , 2010 , 33, 387-94	6.1	12
26	Enhanced effect of losartan and rosuvastatin on neointima hyperplasia. <i>Archives of Pharmacal Research</i> , 2010 , 33, 593-600	6.1	12
25	Drug synergism of antihypertensive action in combination of telmisartan with lercanidipine in spontaneous hypertensive rats. <i>Archives of Pharmacal Research</i> , 2010 , 33, 1411-8	6.1	6
24	A potential inhibitor of rat aortic vascular smooth muscle cell proliferation from the pollen of <i>Typha angustata</i> . <i>Archives of Pharmacal Research</i> , 2010 , 33, 1937-42	6.1	10
23	Enhanced siRNA delivery using cationic liposomes with new polyarginine-conjugated PEG-lipid. <i>International Journal of Pharmaceutics</i> , 2010 , 392, 141-7	6.5	97
22	Synergistic decrease in blood pressure by captopril combined with losartan in spontaneous hypertensive rats. <i>Archives of Pharmacal Research</i> , 2009 , 32, 955-62	6.1	12
21	Delivery of interleukin-18 gene to lung cancer cells using cationic emulsion. <i>Journal of Drug Targeting</i> , 2009 , 17, 19-28	5.4	11
20	Activation of PKC β (II) and PKC θ is essential for LDL-induced cell proliferation of human aortic smooth muscle cells via Gi-mediated Erk1/2 activation and Egr-1 upregulation. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 368, 126-31	3.4	15
19	Analytical HPLC Method Validation of Amiloride and Its Pharmacokinetic Study in Humans. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008 , 31, 2455-2466	1.3	2

18	Region-specific reduction of Gbeta4 expression and induction of the phosphorylation of PKB/Akt and ERK1/2 by aging in rat brain. <i>Pharmacological Research</i> , 2007 , 56, 295-302	10.2	11
17	PPARgamma activation abolishes LDL-induced proliferation of human aortic smooth muscle cells via SOD-mediated down-regulation of superoxide. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 359, 1017-23	3.4	18
16	Regions in the G protein gamma subunit important for interaction with receptors and effectors. <i>Molecular Pharmacology</i> , 2006 , 69, 877-87	4.3	26
15	Stress induces the expression of heterotrimeric G protein beta subunits and the phosphorylation of PKB/Akt and ERK1/2 in rat brain. <i>Neuroscience Research</i> , 2006 , 56, 180-92	2.9	18
14	Improvement of memory by dieckol and phlorofucofuroeckol in ethanol-treated mice: possible involvement of the inhibition of acetylcholinesterase. <i>Archives of Pharmacal Research</i> , 2005 , 28, 691-8	6.1	70
13	Role of neuropeptide Y and proopiomelanocortin in fluoxetine-induced anorexia. <i>Archives of Pharmacal Research</i> , 2005 , 28, 716-21	6.1	16
12	Differential sensitivity of phosphatidylinositol 3-kinase p110gamma to isoforms of G protein betagamma dimers. <i>Journal of Biological Chemistry</i> , 2004 , 279, 44554-62	5.4	41
11	Role of the isoprenyl pocket of the G protein beta gamma subunit complex in the binding of phosducin and phosducin-like protein. <i>Biochemistry</i> , 2004 , 43, 5651-60	3.2	18
10	Effects of repeated administration of Uncaria hooks on the acquisition and central neuronal activities in ethanol-treated mice. <i>Journal of Ethnopharmacology</i> , 2004 , 94, 123-8	5	6
9	Reconstitution of G protein-coupled receptors with recombinant G protein alpha and beta gamma subunits. <i>Methods in Enzymology</i> , 2002 , 343, 372-93	1.7	10
8	Receptor-G protein gamma specificity: gamma11 shows unique potency for A(1) adenosine and 5-HT(1A) receptors. <i>Biochemistry</i> , 2001 , 40, 10532-41	3.2	46
7	A mechanism of vasodilatory action of polyamines and acetylpolyamines: possible involvement of their Ca ²⁺ antagonistic properties. <i>Journal of Pharmacy and Pharmacology</i> , 2000 , 52, 695-707	4.8	8
6	Selective coupling of G protein beta gamma complexes to inhibition of Ca ²⁺ channels. <i>Journal of Biological Chemistry</i> , 2000 , 275, 28380-5	5.4	27
5	Role of isoprenoid lipids on the heterotrimeric G protein gamma subunit in determining effector activation. <i>Journal of Biological Chemistry</i> , 1999 , 274, 16595-603	5.4	66
4	Development of an assay for phospholipase C using column-reconstituted, extruded phospholipid vesicles. <i>Analytical Biochemistry</i> , 1999 , 270, 303-13	3.1	6
3	Phosphorylation of the G protein gamma12 subunit regulates effector specificity. <i>Journal of Biological Chemistry</i> , 1998 , 273, 21958-65	5.4	40
2	Differential activity of the G protein beta5 gamma2 subunit at receptors and effectors. <i>Journal of Biological Chemistry</i> , 1998 , 273, 34429-36	5.4	73
1	The combined effects of telmisartan and ramipril on hypertension and cardiovascular injury. <i>Journal of Pharmaceutical Investigation</i> , 1	6.3	0

