

Junghyun Kim

List of Publications by Year in descending order

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59
papers

1,090
citations

394421

19
h-index

454955

30
g-index

60
all docs

60
docs citations

60
times ranked

1534
citing authors

#	ARTICLE	IF	CITATIONS
1	Renal Podocyte Injury in a Rat Model of Type 2 Diabetes Is Prevented by Metformin. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-9.	3.8	85
2	The role of glycation in the pathogenesis of aging and its prevention through herbal products and physical exercise. <i>Journal of Exercise Nutrition & Biochemistry</i> , 2017, 21, 55-61.	1.3	79
3	Anti-lipase and lipolytic activities of ursolic acid isolated from the roots of <i>Actinidia arguta</i> . <i>Archives of Pharmacal Research</i> , 2009, 32, 983-987.	6.3	72
4	Chlorogenic acid inhibits the formation of advanced glycation end products and associated protein cross-linking. <i>Archives of Pharmacal Research</i> , 2011, 34, 495-500.	6.3	70
5	3,5-Di-O-caffeoyl-quinic Acid from the Leaves and Stems of <i>Erigeron annuus</i> Inhibits Protein Glycation, Aldose Reductase, and Cataractogenesis. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 329-333.	1.4	59
6	Extract of the aerial parts of <i>Aster koraiensis</i> reduced development of diabetic nephropathy via anti-apoptosis of podocytes in streptozotocin-induced diabetic rats. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 733-738.	2.1	51
7	Gemigliptin improves renal function and attenuates podocyte injury in mice with diabetic nephropathy. <i>European Journal of Pharmacology</i> , 2015, 761, 116-124.	3.5	40
8	Myricetin inhibits advanced glycation end product (AGE)-induced migration of retinal pericytes through phosphorylation of ERK1/2, FAK-1, and paxillin in vitro and in vivo. <i>Biochemical Pharmacology</i> , 2015, 93, 496-505.	4.4	34
9	The Extract of <i>Aster Koraiensis</i> Prevents Retinal Pericyte Apoptosis in Diabetic Rats and Its Active Compound, Chlorogenic Acid Inhibits AGE Formation and AGE/RAGE Interaction. <i>Nutrients</i> , 2016, 8, 585.	4.1	29
10	Treadmill Exercise Attenuates Retinal Oxidative Stress in Naturally-Aged Mice: An Immunohistochemical Study. <i>International Journal of Molecular Sciences</i> , 2015, 16, 21008-21020.	4.1	28
11	Cytotoxic role of methylglyoxal in rat retinal pericytes: Involvement of a nuclear factor-kappaB and inducible nitric oxide synthase pathway. <i>Chemico-Biological Interactions</i> , 2010, 188, 86-93.	4.0	27
12	<i>Cnidium officinale</i> extract and butylidenephthalide inhibits retinal neovascularization in vitro and in vivo. <i>BMC Complementary and Alternative Medicine</i> , 2016, 16, 231.	3.7	27
13	Ethyl Pyruvate Inhibits Retinal Pathogenic Neovascularization by Downregulating HMGB1 Expression. <i>Journal of Diabetes Research</i> , 2013, 2013, 1-8.	2.3	25
14	Extract of <i>Rhizoma Polygonum cuspidatum</i> reduces early renal podocyte injury in streptozotocin-induced diabetic rats and its active compound emodin inhibits methylglyoxal-mediated glycation of proteins. <i>Molecular Medicine Reports</i> , 2015, 12, 5837-5845.	2.4	25
15	Aloin Inhibits Müller Cells Swelling in a Rat Model of Thioacetamide-Induced Hepatic Retinopathy. <i>Molecules</i> , 2018, 23, 2806.	3.8	25
16	The Extract of <i>Litsea japonica</i> Reduced the Development of Diabetic Nephropathy via the Inhibition of Advanced Glycation End Products Accumulation in db/db Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-9.	1.2	23
17	Topical Application of Apricot Kernel Extract Improves Dry Eye Symptoms in a Unilateral Exorbital Lacrimal Gland Excision Mouse. <i>Nutrients</i> , 2016, 8, 750.	4.1	23
18	Apricot Kernel Extract and Amygdalin Inhibit Urban Particulate Matter-Induced Keratoconjunctivitis Sicca. <i>Molecules</i> , 2019, 24, 650.	3.8	23

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19	Oridonin induces apoptosis in human oral cancer cells via phosphorylation of histone H2<sc>AX</sc>. European Journal of Oral Sciences, 2017, 125, 438-443.	1.5	22
20	Citrus Peel Extract Ameliorates High-Fat Diet-Induced NAFLD via Activation of AMPK Signaling. Nutrients, 2020, 12, 673.	4.1	22
21	Effect of Regular Exercise on the Histochemical Changes of D-Galactose-Induced Oxidative Renal Injury in High-Fat Diet-Fed Rats. Acta Histochemica Et Cytochemica, 2013, 46, 111-119.	1.6	21
22	Extract of Litsea japonica ameliorates bloodâ€“retinal barrier breakdown in db/db mice. Endocrine, 2014, 46, 462-469.	2.3	18
23	Gemigliptin, a dipeptidyl peptidase-4 inhibitor, inhibits retinal pericyte injury in db/db mice and retinal neovascularization in mice with ischemic retinopathy. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 2618-2629.	3.8	17
24	Aucuba japonica Extract and Aucubin Prevent Desiccating Stress-Induced Corneal Epithelial Cell Injury and Improve Tear Secretion in a Mouse Model of Dry Eye Disease. Molecules, 2018, 23, 2599.	3.8	16
25	<i>Aster koraiensis</i> Extract and Chlorogenic Acid Inhibit Retinal Angiogenesis in a Mouse Model of Oxygen-Induced Retinopathy. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-8.	1.2	14
26	GS-E3D, a new pectin lyase-modified red ginseng extract, inhibited diabetes-related renal dysfunction in streptozotocin-induced diabetic rats. BMC Complementary and Alternative Medicine, 2017, 17, 430.	3.7	13
27	Scopoletin Inhibits Rat Aldose Reductase Activity and Cataractogenesis in Galactose-Fed Rats. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-8.	1.2	11
28	Root of Polygonum cuspidatum extract reduces progression of diabetes-induced mesangial cell dysfunction via inhibition of platelet-derived growth factor-BB (PDGF-BB) and interaction with its receptor in streptozotocin-induced diabetic rats. BMC Complementary and Alternative Medicine, 2014, 14, 477.	3.7	11
29	Inhibitory effect of Samul-tang on retinal neovascularization in oxygen-induced retinopathy. BMC Complementary and Alternative Medicine, 2015, 15, 271.	3.7	11
30	Anti-glycation and anti-angiogenic activities of 5â€“methoxybiphenyl-3,4,3â€“triol, a novel phytochemical component of Osteomeles schwerinae. European Journal of Pharmacology, 2015, 760, 172-178.	3.5	10
31	Jakyakgamcho-tang and Its Major Component, Paeonia Lactiflora, Exhibit Potent Anti-glycation Properties. Journal of Exercise Nutrition & Biochemistry, 2016, 20, 60-64.	1.3	10
32	Antiglycation Activity of Aucubin In Vitro and in Exogenous Methylglyoxal Injected Rats. Molecules, 2019, 24, 3653.	3.8	10
33	Ginger extract controls mTOR-SREBP1-ER stress-mitochondria dysfunction through AMPK activation in obesity model. Journal of Functional Foods, 2021, 87, 104628.	3.4	10
34	KIOM-79 Prevents Lens Epithelial Cell Apoptosis and Lens Opacification in Zucker Diabetic Fatty Rats. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-10.	1.2	9
35	Improvement in Diabetic Retinopathy through Protection against Retinal Apoptosis in Spontaneously Diabetic Torii Rats Mediated by Ethanol Extract of Osteomeles schwerinae C.K. Schneid. Nutrients, 2019, 11, 546.	4.1	9
36	Aster koraiensis extract improves impaired skin wound healing during hyperglycemia. Integrative Medicine Research, 2018, 7, 351-357.	1.8	8

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37	Osteomeles schwerinae Extract Prevents Diabetes-Induced Renal Injury in Spontaneously Diabetic Torii Rats. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-8.	1.2	8
38	Ginseng Extract Modified by Pectin Lyase Inhibits Retinal Vascular Injury and Blood-Retinal Barrier Breakage in a Rat Model of Diabetes. Journal of Medicinal Food, 2019, 22, 337-343.	1.5	8
39	Ethyl Pyruvate Prevents Renal Damage Induced by Methylglyoxal-Derived Advanced Glycation End Products. Journal of Diabetes Research, 2019, 2019, 1-9.	2.3	8
40	Aucubin, An Active Ingredient in Aucuba japonica, Prevents N-methyl-N-nitrosourea-induced Retinal Degeneration in Mice. Molecules, 2019, 24, 4437.	3.8	8
41	Advanced Glycation End Products Increase Salivary Gland Hypofunction in d-Galactose-Induced Aging Rats and Its Prevention by Physical Exercise. Current Issues in Molecular Biology, 2021, 43, 2059-2067.	2.4	8
42	HL-217, a new topical anti-angiogenic agent, inhibits retinal vascular leakage and pathogenic subretinal neovascularization in Vldlr ^{-/-} mice. Biochemical and Biophysical Research Communications, 2015, 456, 53-58.	2.1	7
43	GABA and Fermented Curcuma longa L. Extract Enriched with GABA Ameliorate Obesity through Nox4-IRE1 α Sulfonation-RIDD-SIRT1 Decay Axis in High-Fat Diet-Induced Obese Mice. Nutrients, 2022, 14, 1680.	4.1	7
44	Ethyl Pyruvate Prevents Methylglyoxal-Induced Retinal Vascular Injury in Rats. Journal of Diabetes Research, 2013, 2013, 1-8.	2.3	6
45	Pectin-Lyase-Modified Ginseng Extract and Ginsenoside Rd Inhibits High Glucose-Induced ROS Production in Mesangial Cells and Prevents Renal Dysfunction in db/db Mice. Molecules, 2021, 26, 367.	3.8	5
46	Gemigliptin suppresses salivary dysfunction in streptozotocin-induced diabetic rats. Biomedicine and Pharmacotherapy, 2021, 137, 111297.	5.6	5
47	Pectin lyase-modified red ginseng extract exhibits potent anti-glycation effects in vitro and in vivo. Journal of Exercise Nutrition & Biochemistry, 2017, 21, 56-62.	1.3	5
48	D-allulose ameliorates hyperglycemia through IRE1 α sulfonation-RIDD-SIRT1 decay axis in the skeletal muscle. Antioxidants and Redox Signaling, 2022, , .	5.4	4
49	EGHB010, a Standardized Extract of Paeoniae Radix and Glycyrrhizae Radix, Inhibits VEGF-Induced Tube Formation In Vitro and Retinal Vascular Leakage and Choroidal Neovascularization In Vivo. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-7.	1.2	3
50	<i>Aucuba japonica</i> extract inhibits retinal neovascularization in a mouse model of oxygen α -induced retinopathy, with its bioactive components preventing VEGF α -induced retinal vascular hyperpermeability. Food Science and Nutrition, 2020, 8, 2895-2903.	3.4	3
51	GABA- and Glycine-Mimetic Responses of Linalool on the Substantia Gelatinosa of the Trigeminal Subnucleus Caudalis in Juvenile Mice: Pain Management through Linalool-Mediated Inhibitory Neurotransmission. The American Journal of Chinese Medicine, 2021, 49, 1437-1448.	3.8	3
52	Polydatin Alleviates Diabetes-Induced Hyposalivation through Anti-Glycation Activity in db/db Mouse. Pharmaceutics, 2022, 14, 51.	4.5	3
53	Effect of Aucubin-Containing Eye Drops on Tear Hyposecretion and Lacrimal Gland Damage Induced by Urban Particulate Matter in Rats. Molecules, 2022, 27, 2926.	3.8	3
54	Esculetin has therapeutic potential via the proapoptotic signaling pathway in A253 human submandibular salivary gland tumor cells. Experimental and Therapeutic Medicine, 2022, 24, .	1.8	3

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55	The Herbal Combination CPA4-1 Inhibits Changes in Retinal Capillaries and Reduction of Retinal Occludin in db/db Mice. <i>Antioxidants</i> , 2020, 9, 627.	5.1	2
56	Extract of Moutan radicis cortex and Cinnamomi ramulus ameliorates laser-induced choroidal neovascularization in Brown-Norway rats. <i>Phytomedicine</i> , 2022, 94, 153794.	5.3	2
57	OSSC1E-K19, a novel phytochemical component of <i>Osteomeles schwerinae</i> , prevents glycated albumin-induced retinal vascular injury in rats. <i>Molecular Medicine Reports</i> , 2015, 12, 7279-7284.	2.4	1
58	Preventive effect of polydatin on diabetes-related hypofunction of salivary gland in streptozotocin-induced diabetic rats. <i>Journal of Biomedical Translational Research</i> , 2021, 22, 159-167.	0.1	1
59	Anti-angiogenic effect of EGHB010, a standardized herbal formula of <i>Paeoniae radix</i> and <i>Glycyrrhizae radix</i> . <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2020, 33, 129-134.	0.2	0