## Junho H Lee

List of Publications by Year in descending order

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LUNHO H LEE

#	Article	IF	CITATIONS
1	Hydroxy Pentacyclic Triterpene Acid, Kaempferol, Inhibits the Human 5-Hydroxytryptamine Type 3A Receptor Activity. International Journal of Molecular Sciences, 2022, 23, 544.	4.1	13
2	Antioxidative and Analgesic Effects of Naringin through Selective Inhibition of Transient Receptor Potential Vanilloid Member 1. Antioxidants, 2022, 11, 64.	5.1	11
3	Differential Regulation of Human Serotonin Receptor Type 3A by Chanoclavine and Ergonovine. Molecules, 2021, 26, 1211.	3.8	5
4	Molecular Regulation of Betulinic Acid on α3β4 Nicotinic Acetylcholine Receptors. Molecules, 2021, 26, 2659.	3.8	2
5	Identification and molecular study on the interaction of Schisandrin C with human 5-HT3A receptor. European Journal of Pharmacology, 2021, 906, 174220.	3.5	1
6	Molecular Regulation of α3β4 Nicotinic Acetylcholine Receptors by Lupeol in Cardiovascular System. International Journal of Molecular Sciences, 2020, 21, 4329.	4.1	6
7	Subunit-specific effects of poricoic acid A on NMDA receptors. Pharmacological Reports, 2020, 72, 472-480.	3.3	2
8	Regulation of p21 expression for anti-apoptotic activity of DDX3 against sanguinarine-induced cell death on intrinsic pathway. Phytomedicine, 2019, 65, 153096.	5.3	6
9	Identification of Lysine Histidine Transporter 2 as an 1-Aminocyclopropane Carboxylic Acid Transporter in Arabidopsis thaliana by Transgenic Complementation Approach. Frontiers in Plant Science, 2019, 10, 1092.	3.6	38
10	Stimulating DDX3 expression by serotonin 5â€HT receptor 7 through phosphorylation of p53 via the ACâ€PKAâ€ERK signaling pathway. Journal of Cellular Biochemistry, 2019, 120, 18193-18208.	2.6	5
11	NaCl-induced CsRCI2E and CsRCI2F interact with aquaporin CsPIP2;1 to reduce water transport in Camelina sativa L Biochemical and Biophysical Research Communications, 2019, 513, 213-218.	2.1	10
12	Molecular basis involved in the blocking effect of antidepressant metergoline on C-type inactivation of Kv1.4 channel. Neuropharmacology, 2019, 146, 65-73.	4.1	5
13	Molecular Determinants of α3β4 Nicotinic Acetylcholine Receptors Inhibition by Triterpenoids. Biological and Pharmaceutical Bulletin, 2018, 41, 65-72.	1.4	7
14	Effects of triterpenoid Alisol-F on human 5-hydroxytryptamine 3A and α3β4 nicotinic acetylcholine receptor channel activity. Molecular and Cellular Toxicology, 2017, 13, 271-278.	1.7	1
15	A Molecular Basis for the Inhibition of Transient Receptor Potential Vanilloid Type 1 by Gomisin A. Evidence-based Complementary and Alternative Medicine, 2017, 2017, 1-8.	1.2	4
16	The regulatory effect of Alisma Rhizomes and their triterpenoids on α3β4 nicotinic acetylcholine receptor activity. Oriental Pharmacy and Experimental Medicine, 2016, 16, 303-309.	1.2	1
17	Regulation of Human Kv1.4 Channel Activity by the Antidepressant Metergoline. Biological and Pharmaceutical Bulletin, 2016, 39, 1069-1072.	1.4	6
18	Neuroprotective effects of CD4+CD25+Foxp3+ regulatory T cells in a 3xTg-AD Alzheimer's disease model. Oncotarget, 2016, 7, 69347-69357.	1.8	134

Junho Η Lee

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19	Identification of Catalytic Amino Acid Residues by Chemical Modification in Dextranase. Journal of Microbiology and Biotechnology, 2016, 26, 837-845.	2.1	2
20	Euglycemia in Diabetic Rats Leads to Reduced Liver Weight via Increased Autophagy and Apoptosis through Increased AMPK and Caspase-3 and Decreased mTOR Activities. Journal of Diabetes Research, 2015, 2015, 1-12.	2.3	5
21	Structural basis of nucleoside and nucleoside drug selectivity by concentrative nucleoside transporters. ELife, 2014, 3, e03604.	6.0	50
22	Metergoline inhibits the neuronal Nav1.2 voltage-dependent Na+ channels expressed in Xenopus oocytes. Acta Pharmacologica Sinica, 2014, 35, 862-868.	6.1	8
23	Diet control to achieve euglycemia induces significant loss of heart and liver weight via increased autophagy compared with ad libitum diet in diabetic rats. Experimental and Molecular Medicine, 2014, 46, e111-e111.	7.7	38
24	Renoprotective effect of Pulsatillae Radix on cisplatin-induced nephrotoxicity in mice. Molecular and Cellular Toxicology, 2013, 9, 393-399.	1.7	1
25	Activation of lysophosphatidic acid receptor by gintonin inhibits Kv1.2 channel activity: Involvement of tyrosine kinase and receptor protein tyrosine phosphatase α. Neuroscience Letters, 2013, 548, 143-148.	2.1	17
26	Neuroprotective Effects of AMP-Activated Protein Kinase on Scopolamine Induced Memory Impairment. Korean Journal of Physiology and Pharmacology, 2013, 17, 331.	1.2	20
27	Electroacupuncture Analgesia Is Improved by Adenoviral Gene Transfer of Dopamine Beta-hydroxylase into the Hypothalamus of Rats. Korean Journal of Physiology and Pharmacology, 2013, 17, 505.	1.2	6
28	Improvement of βâ€cell function after achievement of optimal glycaemic control via longâ€term continuous subcutaneous insulin infusion therapy in nonâ€newly diagnosed type 2 diabetic patients with suboptimal glycaemic control. Diabetes/Metabolism Research and Reviews, 2013, 29, 473-482.	4.0	9
29	Gintonin, a Ginseng-Derived Lysophosphatidic Acid Receptor Ligand, Attenuates Alzheimer's Disease-Related Neuropathies: Involvement of Non-Amyloidogenic Processing. Journal of Alzheimer's Disease, 2012, 31, 207-223.	2.6	109
30	Cisplatin induced nephrotoxicity is inhibited by Taxilli Ramulus. Molecular and Cellular Toxicology, 2012, 8, 311-315.	1.7	2
31	Surgical Correction of Gynecomastia with Minimal Scarring. Aesthetic Plastic Surgery, 2012, 36, 1302-1306.	0.9	19
32	The effects of Foxp3 on gene expression profiles in activated microglial cells. Molecular and Cellular Toxicology, 2012, 8, 139-148.	1.7	3
33	Gintonin, Newly Identified Compounds from Ginseng, Is Novel Lysophosphatidic Acids-Protein Complexes and Activates G Protein-Coupled Lysophosphatidic Acid Receptors with High Affinity. Molecules and Cells, 2012, 33, 151-162.	2.6	103
34	Impedance and Thermodynamic Analysis of Bioanode, Abiotic Anode, and Riboflavin-Amended Anode in Microbial Fuel Cells. Bulletin of the Korean Chemical Society, 2012, 33, 3349-3354.	1.9	47
35	Enhanced Stability and Electronic Structure of Phenylacetylene Lines on the Si(100)-(2 × 1):H Surface. Journal of Physical Chemistry C, 2011, 115, 14942-14946.	3.1	6
36	Expression and characterization of recombinant kurtoxin, an inhibitor of T-type voltage-gated calcium channels. Biochemical and Biophysical Research Communications, 2011, 416, 277-282.	2.1	7

Junho H Lee

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37	Effect of dextromethorphan on human Kv1.3 channel activity: Involvement of C-type inactivation. European Journal of Pharmacology, 2011, 651, 122-127.	3.5	4
38	Effects of Quercetin on Human α-Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid Receptor-Mediated Ion Currents. Biological and Pharmaceutical Bulletin, 2010, 33, 1615-1619.	1.4	1
39	Quercetin Enhances Human $\hat{l}\pm 7$ Nicotinic Acetylcholine Receptor-Mediated Ion Current through Interactions with Ca2+ Binding Sites. Molecules and Cells, 2010, 30, 245-254.	2.6	25
40	Gene expression profile analysis of genes in rat hippocampus from antidepressant treated rats using DNA microarray. BMC Neuroscience, 2010, 11, 152.	1.9	27
41	Ginsenoside Rg3 activates human KCNQ1 K+ channel currents through interacting with the K318 and V319 residues: A role of KCNE1 subunit. European Journal of Pharmacology, 2010, 637, 138-147.	3.5	21
42	Effects of protostane-type triterpenoids on the 5-HT3A receptor-mediated ion current in Xenopus oocytes. Brain Research, 2010, 1331, 20-27.	2.2	15
43	Foxp3 is a novel repressor of microglia activation. Glia, 2010, 58, 1247-1256.	4.9	17
44	Regulation of the 5â€HT <sub>3</sub> A Receptorâ€Mediated Current by Alkyl 4â€Hydroxybenzoates Isolated from the Seeds of <i>Nelumbo nucifera</i> . Chemistry and Biodiversity, 2010, 7, 2296-2302.	2.1	11
45	Thin film-coated plastic optical fiber probe for aerosol chemical sensing applications. Sensors and Actuators B: Chemical, 2010, 150, 154-159.	7.8	15
46	Evaluation of the Dietary Toxic Level of Selenium (Se) in Juvenile Olive Flounder, <i>Paralichthys olivaceus</i> . Journal of the World Aquaculture Society, 2010, 41, 245-254.	2.4	8
47	Insulin Requirement Profiles of Patients with Type 2 Diabetes After Achieving Stabilized Glycemic Control with Short-Term Continuous Subcutaneous Insulin Infusion. Diabetes Technology and Therapeutics, 2010, 12, 271-281.	4.4	13
48	Methyl Gallate Exhibits Potent Antitumor Activities by Inhibiting Tumor Infiltration of CD4+CD25+ Regulatory T Cells. Journal of Immunology, 2010, 185, 6698-6705.	0.8	54
49	Effects of triterpenoids from Poria cocos Wolf on the serotonin type 3A receptor-mediated ion current in Xenopus oocytes. European Journal of Pharmacology, 2009, 615, 27-32.	3.5	30
50	A Role for Leu247 Residue within Transmembrane Domain 2 in Ginsenoside-Mediated α7 Nicotinic Acetylcholine Receptor Regulation. Molecules and Cells, 2009, 27, 591-600.	2.6	7
51	Screening of herbal medicines for recovery of acetaminophen-induced nephrotoxicity. Environmental Toxicology and Pharmacology, 2009, 27, 225-230.	4.0	15
52	10kW industrial ultrasonic welder design. , 2009, , .		2
53	Mutations Leu427, Asn428, and Leu431 Residues within Transmembrane Domain-I-Segment 6 Attenuate Ginsenoside-Mediated L-Type Ca2+ Channel Current Inhibitions. Biological and Pharmaceutical Bulletin, 2009, 32, 1224-1230.	1.4	18
54	The Effects of Ginsenoside Rg3 on Human Kv1.4 Channel Currents without the N-Terminal Rapid Inactivation Domain. Biological and Pharmaceutical Bulletin, 2009, 32, 614-618.	1.4	10

Junho Η Lee

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55	A Role for the Val291 Residue within the Transmembrane Domain 2 in Diltiazem- and TMB-8 [3,4,5-Trimethoxybenzoic Acid 8-(Diethylamino)octyl Ester]-Mediated 5-Hydroxytryptamine Type 3A Receptor Regulations. Biological and Pharmaceutical Bulletin, 2009, 32, 861-867.	1.4	3
56	Involvement of batrachotoxin binding sites in ginsenoside-mediated voltage-gated Na+ channel regulation. Brain Research, 2008, 1203, 61-67.	2.2	11
57	Vascular smooth muscle dysfunction induced by monomethylarsonous acid (MMAIII): A contributing factor to arsenic-associated cardiovascular diseases. Environmental Research, 2008, 108, 300-308.	7.5	23
58	Ginsenoside Rg <sub>3</sub> Inhibits Human Kv1.4 Channel Currents by Interacting with the Lys531 Residue. Molecular Pharmacology, 2008, 73, 619-626.	2.3	24
59	Modifications of Aliphatic Side Chain of 20(S)-Ginsenoside Rg3 Cause an Enhancement or Loss of Brain Na+ Channel Current Inhibitions. Biological and Pharmaceutical Bulletin, 2008, 31, 480-486.	1.4	7
60	Differential Regulations of Quercetin and Its Glycosides on Ligand-Gated Ion Channels. Biological and Pharmaceutical Bulletin, 2008, 31, 611-617.	1.4	19
61	Mutations of Arginine 222 in Pre-transmembrane Domain I of Mouse 5-HT3A Receptor Abolish 20(R)- But Not 20(S)-Cinsenoside Rg3 Inhibition of 5-HT-Mediated Ion Currents. Biological and Pharmaceutical Bulletin, 2007, 30, 1721-1726.	1.4	14
62	Effects of Ginsenosides, Active Ingredients of Panax ginseng, on Development, Growth, and Life Span of Caenorhabditis elegans. Biological and Pharmaceutical Bulletin, 2007, 30, 2126-2134.	1.4	39
63	Identification of ginsenoside interaction sites in 5-HT3A receptors. Neuropharmacology, 2007, 52, 1139-1150.	4.1	34
64	Neuroprotective effects of ginsenoside Rg3 against homocysteine-induced excitotoxicity in rat hippocampus. Brain Research, 2007, 1136, 190-199.	2.2	76
65	Human glycine α1 receptor inhibition by quercetin is abolished or inversed by α267 mutations in transmembrane domain 2. Brain Research, 2007, 1161, 1-10.	2.2	19
66	Effects of dextrorotatory morphinans on brain Na+ channels expressed in Xenopus oocytes. European Journal of Pharmacology, 2007, 564, 7-17.	3.5	5
67	Cloning and Heterologous Expression of a Ca <sup>2+</sup> -Activated Chloride Channel Isoform from Rat Brain. Biological and Pharmaceutical Bulletin, 2006, 29, 2168-2173.	1.4	6
68	Ginseng Saponins Diminish Adverse Vascular Effects Associated with Chronic Methionine-Induced Hyperhomocysteinemia. Biological and Pharmaceutical Bulletin, 2006, 29, 2425-2431.	1.4	11
69	Stereospecific Effects of Ginsenoside Rg3 Epimers on Swine Coronary Artery Contractions. Biological and Pharmaceutical Bulletin, 2006, 29, 365-370.	1.4	33
70	Effects of dextrorotatory morphinans on α3β4 nicotinic acetylcholine receptors expressed in Xenopus oocytes. European Journal of Pharmacology, 2006, 536, 85-92.	3.5	9
71	Effects of ginsenosides and their metabolites on voltage-dependent Ca(2+) channel subtypes. Molecules and Cells, 2006, 21, 52-62.	2.6	30
72	Effect of Ginseng Saponins on a Rat Visceral Hypersensitivity Model. Biological and Pharmaceutical Bulletin, 2005, 28, 2120-2124.	1.4	17

Junho H Lee

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73	Effect of calmodulin on ginseng saponin-induced Ca2+-Activated Cl-channel activation inXenopus laevis oocytes. Archives of Pharmacal Research, 2005, 28, 413-420.	6.3	11
74	Characteristics of Ginsenoside Rg3-Mediated Brain Na+ Current Inhibition. Molecular Pharmacology, 2005, 68, 1114-1126.	2.3	40
75	Prevention of Ginsenoside-induced Desensitization of Ca2+-activated Cl– Current by Microinjection of Inositol Hexakisphosphate in Xenopus laevis Oocytes. Journal of Biological Chemistry, 2004, 279, 9912-9921.	3.4	21
76	Effects of ginsenosides on carbachol-stimulated formation of inositol phosphates in rat cortical cell cultures. Neurochemical Research, 2003, 28, 1307-1313.	3.3	6
77	Differential effect of bovine serum albumin on ginsenoside metabolite-induced inhibition of α3β4 nicotinic acetylcholine receptor expressed inXenopus oocytes. Archives of Pharmacal Research, 2003, 26, 868-873.	6.3	8