

# Junho H Lee

## List of Publications by Year in descending order

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77  
papers

1,666  
citations

377584

21  
h-index

355658

38  
g-index

80  
all docs

80  
docs citations

80  
times ranked

2502  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydroxy Pentacyclic Triterpene Acid, Kaempferol, Inhibits the Human 5-Hydroxytryptamine Type 3A Receptor Activity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 544.	1.8	13
2	Antioxidative and Analgesic Effects of Naringin through Selective Inhibition of Transient Receptor Potential Vanilloid Member 1. <i>Antioxidants</i> , 2022, 11, 64.	2.2	11
3	Differential Regulation of Human Serotonin Receptor Type 3A by Chanoclavine and Ergonovine. <i>Molecules</i> , 2021, 26, 1211.	1.7	5
4	Molecular Regulation of Betulinic Acid on $\alpha_3\beta_4$ Nicotinic Acetylcholine Receptors. <i>Molecules</i> , 2021, 26, 2659.	1.7	2
5	Identification and molecular study on the interaction of Schisandrin C with human 5-HT3A receptor. <i>European Journal of Pharmacology</i> , 2021, 906, 174220.	1.7	1
6	Molecular Regulation of $\alpha_3\beta_4$ Nicotinic Acetylcholine Receptors by Lupeol in Cardiovascular System. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4329.	1.8	6
7	Subunit-specific effects of poricoic acid A on NMDA receptors. <i>Pharmacological Reports</i> , 2020, 72, 472-480.	1.5	2
8	Regulation of p21 expression for anti-apoptotic activity of DDX3 against sanguinarine-induced cell death on intrinsic pathway. <i>Phytomedicine</i> , 2019, 65, 153096.	2.3	6
9	Identification of Lysine Histidine Transporter 2 as an 1-Aminocyclopropane Carboxylic Acid Transporter in <i>Arabidopsis thaliana</i> by Transgenic Complementation Approach. <i>Frontiers in Plant Science</i> , 2019, 10, 1092.	1.7	38
10	Stimulating DDX3 expression by serotonin 5-HT receptor 7 through phosphorylation of p53 via the AC $\epsilon$ -PKA $\epsilon$ -ERK signaling pathway. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 18193-18208.	1.2	5
11	NaCl-induced CsRC12E and CsRC12F interact with aquaporin CsPIP2;1 to reduce water transport in <i>Camelina sativa</i> L.. <i>Biochemical and Biophysical Research Communications</i> , 2019, 513, 213-218.	1.0	10
12	Molecular basis involved in the blocking effect of antidepressant metergoline on C-type inactivation of Kv1.4 channel. <i>Neuropharmacology</i> , 2019, 146, 65-73.	2.0	5
13	Molecular Determinants of $\alpha_3\beta_4$ Nicotinic Acetylcholine Receptors Inhibition by Triterpenoids. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 65-72.	0.6	7
14	Effects of triterpenoid Alisol-F on human 5-hydroxytryptamine 3A and $\alpha_3\beta_4$ nicotinic acetylcholine receptor channel activity. <i>Molecular and Cellular Toxicology</i> , 2017, 13, 271-278.	0.8	1
15	A Molecular Basis for the Inhibition of Transient Receptor Potential Vanilloid Type 1 by Gomisin A. <i>Evidence-based Complementary and Alternative Medicine</i> , 2017, 2017, 1-8.	0.5	4
16	The regulatory effect of <i>Alisma</i> Rhizomes and their triterpenoids on $\alpha_3\beta_4$ nicotinic acetylcholine receptor activity. <i>Oriental Pharmacy and Experimental Medicine</i> , 2016, 16, 303-309.	1.2	1
17	Regulation of Human Kv1.4 Channel Activity by the Antidepressant Metergoline. <i>Biological and Pharmaceutical Bulletin</i> , 2016, 39, 1069-1072.	0.6	6
18	Neuroprotective effects of CD4 <sup>+</sup> CD25 <sup>+</sup> Foxp3 <sup>+</sup> regulatory T cells in a 3xTg-AD Alzheimer's disease model. <i>Oncotarget</i> , 2016, 7, 69347-69357.	0.8	134

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19	Identification of Catalytic Amino Acid Residues by Chemical Modification in Dextranase. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 837-845.	0.9	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. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-12.	1.0	5
21	Structural basis of nucleoside and nucleoside drug selectivity by concentrative nucleoside transporters. <i>ELife</i> , 2014, 3, e03604.	2.8	50
22	Metergoline inhibits the neuronal Nav1.2 voltage-dependent Na <sup>+</sup> channels expressed in <i>Xenopus</i> oocytes. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 862-868.	2.8	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. <i>Experimental and Molecular Medicine</i> , 2014, 46, e111-e111.	3.2	38
24	Renoprotective effect of Pulsatillae Radix on cisplatin-induced nephrotoxicity in mice. <i>Molecular and Cellular Toxicology</i> , 2013, 9, 393-399.	0.8	1
25	Activation of lysophosphatidic acid receptor by gintonin inhibits Kv1.2 channel activity: Involvement of tyrosine kinase and receptor protein tyrosine phosphatase $\pm$ . <i>Neuroscience Letters</i> , 2013, 548, 143-148.	1.0	17
26	Neuroprotective Effects of AMP-Activated Protein Kinase on Scopolamine Induced Memory Impairment. <i>Korean Journal of Physiology and Pharmacology</i> , 2013, 17, 331.	0.6	20
27	Electroacupuncture Analgesia Is Improved by Adenoviral Gene Transfer of Dopamine Beta-hydroxylase into the Hypothalamus of Rats. <i>Korean Journal of Physiology and Pharmacology</i> , 2013, 17, 505.	0.6	6
28	Improvement of $\beta$ -cell function after achievement of optimal glycaemic control via long-term continuous subcutaneous insulin infusion therapy in non-newly diagnosed type 2 diabetic patients with suboptimal glycaemic control. <i>Diabetes/Metabolism Research and Reviews</i> , 2013, 29, 473-482.	1.7	9
29	Gintonin, a Ginseng-Derived Lysophosphatidic Acid Receptor Ligand, Attenuates Alzheimer's Disease-Related Neuropathies: Involvement of Non-Amyloidogenic Processing. <i>Journal of Alzheimer's Disease</i> , 2012, 31, 207-223.	1.2	109
30	Cisplatin induced nephrotoxicity is inhibited by Taxilli Ramulus. <i>Molecular and Cellular Toxicology</i> , 2012, 8, 311-315.	0.8	2
31	Surgical Correction of Gynecomastia with Minimal Scarring. <i>Aesthetic Plastic Surgery</i> , 2012, 36, 1302-1306.	0.5	19
32	The effects of Foxp3 on gene expression profiles in activated microglial cells. <i>Molecular and Cellular Toxicology</i> , 2012, 8, 139-148.	0.8	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. <i>Molecules and Cells</i> , 2012, 33, 151-162.	1.0	103
34	Impedance and Thermodynamic Analysis of Bioanode, Abiotic Anode, and Riboflavin-Amended Anode in Microbial Fuel Cells. <i>Bulletin of the Korean Chemical Society</i> , 2012, 33, 3349-3354.	1.0	47
35	Enhanced Stability and Electronic Structure of Phenylacetylene Lines on the Si(100)-(2 $\times$ 1):H Surface. <i>Journal of Physical Chemistry C</i> , 2011, 115, 14942-14946.	1.5	6
36	Expression and characterization of recombinant kurtoxin, an inhibitor of T-type voltage-gated calcium channels. <i>Biochemical and Biophysical Research Communications</i> , 2011, 416, 277-282.	1.0	7

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37	Effect of dextromethorphan on human Kv1.3 channel activity: Involvement of C-type inactivation. <i>European Journal of Pharmacology</i> , 2011, 651, 122-127.	1.7	4
38	Effects of Quercetin on Human $\alpha$ -Amino-3-hydroxy-5-methyl-4-isoxazolepropionic Acid Receptor-Mediated Ion Currents. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 1615-1619.	0.6	1
39	Quercetin Enhances Human $\alpha$ 7 Nicotinic Acetylcholine Receptor-Mediated Ion Current through Interactions with Ca <sup>2+</sup> Binding Sites. <i>Molecules and Cells</i> , 2010, 30, 245-254.	1.0	25
40	Gene expression profile analysis of genes in rat hippocampus from antidepressant treated rats using DNA microarray. <i>BMC Neuroscience</i> , 2010, 11, 152.	0.8	27
41	Ginsenoside Rg3 activates human KCNQ1 K <sup>+</sup> channel currents through interacting with the K318 and V319 residues: A role of KCNE1 subunit. <i>European Journal of Pharmacology</i> , 2010, 637, 138-147.	1.7	21
42	Effects of protostane-type triterpenoids on the 5-HT <sub>3A</sub> receptor-mediated ion current in <i>Xenopus</i> oocytes. <i>Brain Research</i> , 2010, 1331, 20-27.	1.1	15
43	Foxp3 is a novel repressor of microglia activation. <i>Glia</i> , 2010, 58, 1247-1256.	2.5	17
44	Regulation of the 5-HT <sub>3A</sub> Receptor-Mediated Current by Alkyl 4-Hydroxybenzoates Isolated from the Seeds of <i>Nelumbo nucifera</i> . <i>Chemistry and Biodiversity</i> , 2010, 7, 2296-2302.	1.0	11
45	Thin film-coated plastic optical fiber probe for aerosol chemical sensing applications. <i>Sensors and Actuators B: Chemical</i> , 2010, 150, 154-159.	4.0	15
46	Evaluation of the Dietary Toxic Level of Selenium (Se) in Juvenile Olive Flounder, <i>Paralichthys olivaceus</i> . <i>Journal of the World Aquaculture Society</i> , 2010, 41, 245-254.	1.2	8
47	Insulin Requirement Profiles of Patients with Type 2 Diabetes After Achieving Stabilized Glycemic Control with Short-Term Continuous Subcutaneous Insulin Infusion. <i>Diabetes Technology and Therapeutics</i> , 2010, 12, 271-281.	2.4	13
48	Methyl Gallate Exhibits Potent Antitumor Activities by Inhibiting Tumor Infiltration of CD4 <sup>+</sup> CD25 <sup>+</sup> Regulatory T Cells. <i>Journal of Immunology</i> , 2010, 185, 6698-6705.	0.4	54
49	Effects of triterpenoids from <i>Poria cocos</i> Wolf on the serotonin type 3A receptor-mediated ion current in <i>Xenopus</i> oocytes. <i>European Journal of Pharmacology</i> , 2009, 615, 27-32.	1.7	30
50	A Role for Leu247 Residue within Transmembrane Domain 2 in Ginsenoside-Mediated $\alpha$ 7 Nicotinic Acetylcholine Receptor Regulation. <i>Molecules and Cells</i> , 2009, 27, 591-600.	1.0	7
51	Screening of herbal medicines for recovery of acetaminophen-induced nephrotoxicity. <i>Environmental Toxicology and Pharmacology</i> , 2009, 27, 225-230.	2.0	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 Ca <sup>2+</sup> Channel Current Inhibitions. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 1224-1230.	0.6	18
54	The Effects of Ginsenoside Rg3 on Human Kv1.4 Channel Currents without the N-Terminal Rapid Inactivation Domain. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 614-618.	0.6	10

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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. <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 861-867.	0.6	3
56	Involvement of batrachotoxin binding sites in ginsenoside-mediated voltage-gated Na <sup>+</sup> channel regulation. <i>Brain Research</i> , 2008, 1203, 61-67.	1.1	11
57	Vascular smooth muscle dysfunction induced by monomethylarsonous acid (MMAIII): A contributing factor to arsenic-associated cardiovascular diseases. <i>Environmental Research</i> , 2008, 108, 300-308.	3.7	23
58	Ginsenoside Rg <sub>3</sub> Inhibits Human Kv1.4 Channel Currents by Interacting with the Lys531 Residue. <i>Molecular Pharmacology</i> , 2008, 73, 619-626.	1.0	24
59	Modifications of Aliphatic Side Chain of 20(S)-Ginsenoside Rg3 Cause an Enhancement or Loss of Brain Na <sup>+</sup> Channel Current Inhibitions. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 480-486.	0.6	7
60	Differential Regulations of Quercetin and Its Glycosides on Ligand-Gated Ion Channels. <i>Biological and Pharmaceutical Bulletin</i> , 2008, 31, 611-617.	0.6	19
61	Mutations of Arginine 222 in Pre-transmembrane Domain I of Mouse 5-HT3A Receptor Abolish 20(R)- But Not 20(S)-Ginsenoside Rg3 Inhibition of 5-HT-Mediated Ion Currents. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 1721-1726.	0.6	14
62	Effects of Ginsenosides, Active Ingredients of Panax ginseng, on Development, Growth, and Life Span of <i>Caenorhabditis elegans</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 2126-2134.	0.6	39
63	Identification of ginsenoside interaction sites in 5-HT3A receptors. <i>Neuropharmacology</i> , 2007, 52, 1139-1150.	2.0	34
64	Neuroprotective effects of ginsenoside Rg3 against homocysteine-induced excitotoxicity in rat hippocampus. <i>Brain Research</i> , 2007, 1136, 190-199.	1.1	76
65	Human glycine $\hat{\pm}1$ receptor inhibition by quercetin is abolished or inverted by $\hat{\pm}267$ mutations in transmembrane domain 2. <i>Brain Research</i> , 2007, 1161, 1-10.	1.1	19
66	Effects of dextrorotatory morphinans on brain Na <sup>+</sup> channels expressed in <i>Xenopus</i> oocytes. <i>European Journal of Pharmacology</i> , 2007, 564, 7-17.	1.7	5
67	Cloning and Heterologous Expression of a Ca <sup>2+</sup> -Activated Chloride Channel Isoform from Rat Brain. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 2168-2173.	0.6	6
68	Ginseng Saponins Diminish Adverse Vascular Effects Associated with Chronic Methionine-Induced Hyperhomocysteinemia. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 2425-2431.	0.6	11
69	Stereospecific Effects of Ginsenoside Rg3 Epimers on Swine Coronary Artery Contractions. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 365-370.	0.6	33
70	Effects of dextrorotatory morphinans on $\hat{\pm}3\hat{1}24$ nicotinic acetylcholine receptors expressed in <i>Xenopus</i> oocytes. <i>European Journal of Pharmacology</i> , 2006, 536, 85-92.	1.7	9
71	Effects of ginsenosides and their metabolites on voltage-dependent Ca(2+) channel subtypes. <i>Molecules and Cells</i> , 2006, 21, 52-62.	1.0	30
72	Effect of Ginseng Saponins on a Rat Visceral Hypersensitivity Model. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 2120-2124.	0.6	17

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73	Effect of calmodulin on ginseng saponin-induced Ca <sup>2+</sup> -Activated Cl <sup>-</sup> -channel activation in <i>Xenopus laevis</i> oocytes. <i>Archives of Pharmacal Research</i> , 2005, 28, 413-420.	2.7	11
74	Characteristics of Ginsenoside Rg3-Mediated Brain Na <sup>+</sup> Current Inhibition. <i>Molecular Pharmacology</i> , 2005, 68, 1114-1126.	1.0	40
75	Prevention of Ginsenoside-induced Desensitization of Ca <sup>2+</sup> -activated Cl <sup>-</sup> Current by Microinjection of Inositol Hexakisphosphate in <i>Xenopus laevis</i> Oocytes. <i>Journal of Biological Chemistry</i> , 2004, 279, 9912-9921.	1.6	21
76	Effects of ginsenosides on carbachol-stimulated formation of inositol phosphates in rat cortical cell cultures. <i>Neurochemical Research</i> , 2003, 28, 1307-1313.	1.6	6
77	Differential effect of bovine serum albumin on ginsenoside metabolite-induced inhibition of $\alpha_3\beta_4$ nicotinic acetylcholine receptor expressed in <i>Xenopus</i> oocytes. <i>Archives of Pharmacal Research</i> , 2003, 26, 868-873.	2.7	8