

Won-Sik Shim

List of Publications by Year in descending order

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34
papers

1,055
citations

687363

13
h-index

414414

32
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34
all docs

34
docs citations

34
times ranked

1372
citing authors

#	ARTICLE	IF	CITATIONS
1	TRPV1 Mediates Histamine-Induced Itching via the Activation of Phospholipase A2 and 12-Lipoxygenase. <i>Journal of Neuroscience</i> , 2007, 27, 2331-2337.	3.6	410
2	Histamine-Induced Itch and its Relationship with Pain. <i>Molecular Pain</i> , 2008, 4, 1744-8069-4-29.	2.1	147
3	Enhanced electrostatic interaction between chitosan-modified PLGA nanoparticle and tumor. <i>International Journal of Pharmaceutics</i> , 2009, 371, 142-147.	5.2	131
4	Enhanced intracellular accumulation of a non-nucleoside anti-cancer agent via increased uptake of its valine ester prodrug through amino acid transporters. <i>Xenobiotica</i> , 2012, 42, 603-613.	1.1	29
5	Upregulation of COX-2 in the lung cancer promotes overexpression of multidrug resistance protein 4 (MRP4) via PGE2-dependent pathway. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 62, 189-196.	4.0	26
6	Red ginseng extract blocks histamine-dependent itch by inhibition of H1R/TRPV1 pathway in sensory neurons. <i>Journal of Ginseng Research</i> , 2015, 39, 257-264.	5.7	25
7	Ghrelin receptor is activated by naringin and naringenin, constituents of a prokinetic agent <i>Poncirus fructus</i> . <i>Journal of Ethnopharmacology</i> , 2013, 148, 459-465.	4.1	24
8	A novel synthetic <i>Piper</i> amide derivative NED-180 inhibits hyperpigmentation by activating the PI3K and ERK pathways and by regulating Ca ²⁺ influx via TRPM1 channels. <i>Pigment Cell and Melanoma Research</i> , 2016, 29, 81-91.	3.3	24
9	Naringin Exhibits in vivo Prokinetic Activity via Activation of Ghrelin Receptor in Gastrointestinal Motility Dysfunction Rats. <i>Pharmacology</i> , 2013, 92, 191-197.	2.2	22
10	BAM8-22 and its receptor MRGPRX1 may attribute to cholestatic pruritus. <i>Scientific Reports</i> , 2019, 9, 10888.	3.3	21
11	Long-term administration of an aqueous extract of dried, immature fruit of <i>Poncirus trifoliata</i> (L.) Raf. suppresses body weight gain in rats. <i>Journal of Ethnopharmacology</i> , 2009, 126, 294-299.	4.1	17
12	Addition of amino acid moieties to lapatinib increases the anti-cancer effect via amino acid transporters. <i>Biopharmaceutics and Drug Disposition</i> , 2014, 35, 60-69.	1.9	15
13	Caffeic acid exhibits anti-pruritic effects by inhibition of multiple itch transmission pathways in mice. <i>European Journal of Pharmacology</i> , 2015, 762, 313-321.	3.5	15
14	Cutaneous Neuroimmune Interactions of TSLP and TRPV4 Play Pivotal Roles in Dry Skin-Induced Pruritus. <i>Frontiers in Immunology</i> , 2021, 12, 772941.	4.8	15
15	Glucosylsphingosine evokes pruritus via activation of 5-HT _{2A} receptor and TRPV4 in sensory neurons. <i>British Journal of Pharmacology</i> , 2022, 179, 2193-2207.	5.4	14
16	An aqueous extract of <i>Poncirus fructus</i> activates the prokinetic activity of 5-HT receptor subtype 4 without hERG interaction. <i>Journal of Ethnopharmacology</i> , 2010, 132, 328-333.	4.1	13
17	Lactucopicrin potentiates neuritogenesis and neurotrophic effects by regulating Ca ²⁺ /CaMKII/ATF1 signaling pathway. <i>Journal of Ethnopharmacology</i> , 2017, 198, 174-183.	4.1	13
18	Phytotherapeutic effects of the fruits of <i>Poncirus trifoliata</i> (L.) Raf. on cancer, inflammation, and digestive dysfunction. <i>Phytotherapy Research</i> , 2018, 32, 616-624.	5.8	13

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19	Korean Red Ginseng extract and ginsenoside Rg3 have anti-pruritic effects on chloroquine-induced itch by inhibition of MrgprA3/TRPA1-mediated pathway. <i>Journal of Ginseng Research</i> , 2018, 42, 470-475.	5.7	11
20	Glucosylsphingosine Activates Serotonin Receptor 2a and 2b: Implication of a Novel Itch Signaling Pathway. <i>Biomolecules and Therapeutics</i> , 2017, 25, 497-503.	2.4	11
21	Crotamiton, an Anti-Scabies Agent, Suppresses Histamine- and Chloroquine-Induced Itch Pathways in Sensory Neurons and Alleviates Scratching in Mice. <i>Biomolecules and Therapeutics</i> , 2020, 28, 569-575.	2.4	10
22	Involuntary swimming exercise in pregnant rats disturbs ERK1/2 signaling in embryonic neurons through increased cortisol in the amniotic fluid. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 1208-1213.	2.1	9
23	Recent advances in understanding the molecular mechanisms of cholestatic pruritus: A review. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165958.	3.8	9
24	Enhanced Cellular Uptake and Pharmacokinetic Characteristics of Doxorubicin-Valine Amide Prodrug. <i>Molecules</i> , 2016, 21, 1272.	3.8	7
25	Amniotic fluid exerts a neurotrophic influence on fetal neurodevelopment via the ERK/GSK-3 pathway. <i>Biological Research</i> , 2015, 48, 44.	3.4	6
26	Lithocholic Acid Activates Mas-Related G Protein-Coupled Receptors, Contributing to Itch in Mice. <i>Biomolecules and Therapeutics</i> , 2022, 30, 38-47.	2.4	4
27	The contribution of mouse models to understanding atopic dermatitis. <i>Biochemical Pharmacology</i> , 2022, 203, 115177.	4.4	4
28	Different perception levels of histamine-induced itch sensation in young adult mice. <i>Physiology and Behavior</i> , 2018, 188, 188-193.	2.1	3
29	Decreased secretory transport of a quarternary ammonium, TBuMA, across LLC-PK1 cells by the anionic kidney extract. <i>Archives of Pharmacal Research</i> , 2008, 31, 671-677.	6.3	2
30	Determination of Belotecan in the Plasma, Bile, and Urine of Rats by High-Performance Liquid Chromatography with Fluorescence Detection and Its Application to a Pharmacokinetic Study. <i>Analytical Letters</i> , 2009, 42, 68-83.	1.8	1
31	Smooth Muscle Relaxation Activity of an Aqueous Extract of Dried Immature Fruit of <i>Poncirus Trifoliata</i> (PF-W) on an Isolated Strip of Rat Ileum. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	1
32	Substitution with a Single Cysteine in the Green Fluorescent Protein-Based Calcium Indicator GCaMP3 Enhances Calcium Sensitivity. <i>Journal of Fluorescence</i> , 2017, 27, 2187-2193.	2.5	1
33	Extracts of the leaves of <i>Pyrus ussuriensis</i> Maxim. Alleviate itch sensation via TSLP-dependent manner in mouse models of atopic dermatitis. <i>Physiology and Behavior</i> , 2019, 210, 112624.	2.1	1
34	Development of a Novel Blue Fluorescent Gene-encoded Calcium Indicator Modified from GCaMP3. <i>Journal of Fluorescence</i> , 2020, 30, 1287-1293.	2.5	1