

Hye Jin Chung

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Orally Available Collagen Tripeptide: Enzymatic Stability, Intestinal Permeability, and Absorption of Gly-Pro-Hyp and Pro-Hyp. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 7127-7133.	2.4	74
2	Glutamine has antidepressive effects through increments of glutamate and glutamine levels and glutamatergic activity in the medial prefrontal cortex. <i>Neuropharmacology</i> , 2018, 143, 143-152.	2.0	57
3	Glutamine protects against cisplatin-induced nephrotoxicity by decreasing cisplatin accumulation. <i>Journal of Pharmacological Sciences</i> , 2015, 127, 117-126.	1.1	45
4	Antinociceptive curcuminoid, KMS4034, effects on inflammatory and neuropathic pain likely via modulating TRPV1 in mice. <i>British Journal of Anaesthesia</i> , 2013, 111, 667-672.	1.5	37
5	A simple isocratic HPLC method for the simultaneous determination of bioactive components of <i>Scutellariae Radix</i> extract. <i>Natural Product Research</i> , 2012, 26, 1957-1962.	1.0	21
6	Isoform-specific regulation of cytochrome P450 expression and activity by estradiol in female rats. <i>Biochemical Pharmacology</i> , 2011, 81, 777-782.	2.0	20
7	Absorption mechanism of DHP107, an oral paclitaxel formulation that forms a hydrated lipidic sponge phase. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 133-145.	2.8	20
8	Synthesis and biological evaluation of 1,4-diazepane derivatives as T-type calcium channel blockers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 2705-2708.	1.0	19
9	Human Placental Lactogen Induces CYP2E1 Expression via PI 3-Kinase Pathway in Female Human Hepatocytes. <i>Drug Metabolism and Disposition</i> , 2014, 42, 492-499.	1.7	18
10	KST5468, a new T-type calcium channel antagonist, has an antinociceptive effect on inflammatory and neuropathic pain models. <i>Pharmacology Biochemistry and Behavior</i> , 2010, 97, 198-204.	1.3	16
11	Novel amides and esters prodrugs of olmesartan: Synthesis, bioconversion, and pharmacokinetic evaluation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 5895-5899.	1.0	14
12	Ingestion of Bis(2-ethylhexyl) phthalate (DEHP) during adolescence causes depressive-like behaviors through hypoactive glutamatergic signaling in the medial prefrontal cortex. <i>Environmental Pollution</i> , 2021, 289, 117978.	3.7	13
13	Pharmacokinetics of ipriflavone and its two metabolites, M1 and M5, after the intravenous and oral administration of ipriflavone to rat model of diabetes mellitus induced by streptozotocin. <i>European Journal of Pharmaceutical Sciences</i> , 2009, 38, 465-471.	1.9	12
14	Serum 24,25-dihydroxyvitamin D level in general Korean population and its relationship with other vitamin D biomarkers. <i>PLoS ONE</i> , 2021, 16, e0246541.	1.1	12
15	Pharmacokinetics of DA-6034, an agent for inflammatory bowel disease, in rats and dogs: Contribution of intestinal first-pass effect to low bioavailability in rats. <i>European Journal of Pharmaceutical Sciences</i> , 2006, 27, 363-374.	1.9	11
16	Ascorbic acid concentrations in aqueous humor after systemic vitamin C supplementation in patients with cataract: pilot study. <i>BMC Ophthalmology</i> , 2017, 17, 121.	0.6	11
17	Effect of paclitaxel content in the DHP107 oral formulation on oral bioavailability and antitumor activity. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 48, 183-192.	1.4	11
18	A Simple and Sensitive Liquid Chromatography with Tandem Mass Spectrometric Method for the Simultaneous Determination of Anthraquinone Glycosides and Their Aglycones in Rat Plasma: Application to a Pharmacokinetic Study of <i>Rumex acetosa</i> Extract. <i>Pharmaceutics</i> , 2018, 10, 100.	2.0	11

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19	Discovery of quinolinone derivatives as potent FLT3 inhibitors. <i>Biochemical and Biophysical Research Communications</i> , 2014, 445, 561-565.	1.0	10
20	Design and Synthesis of Anti-Cancer Chimera Molecules Based on Marine Natural Products. <i>Marine Drugs</i> , 2019, 17, 500.	2.2	10
21	Synthesis and biological evaluation of 4-piperidinecarboxylate and 4-piperidinecyanide derivatives for T-type calcium channel blockers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 5910-5915.	1.0	9
22	Comparative analysis of the association between various serum vitamin D biomarkers and sarcopenia. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23946.	0.9	9
23	Pharmacokinetic interaction between liquiritigenin (LQ) and DDB: Increased glucuronidation of LQ in the liver possibly due to increased hepatic blood flow rate by DDB. <i>European Journal of Pharmaceutical Sciences</i> , 2010, 39, 181-189.	1.9	8
24	Effect of <i>Rumex Acetosa</i> Extract, a Herbal Drug, on the Absorption of Fexofenadine. <i>Pharmaceutics</i> , 2020, 12, 547.	2.0	8
25	Pharmacokinetic Evaluation of a Novel Donepezil-Loaded Dissolving Microneedle Patch in Rats. <i>Pharmaceutics</i> , 2022, 14, 5.	2.0	7
26	Effects of <i>E. Coli</i> lipopolysaccharide on the pharmacokinetics of ipriflavone and its metabolites, M1 and M5, after intravenous and oral administration of ipriflavone to rats: Decreased metabolism of ipriflavone due to decreased expression of hepatic CYP1A2 and 2C11. <i>Journal of Pharmaceutical Sciences</i> , 2008, 97, 5024-5036.	1.6	6
27	Effects of water deprivation on the pharmacokinetics of theophylline and one of its metabolites, 1,3-dimethyluric acid, after intravenous and oral administration of aminophylline to rats. <i>Biopharmaceutics and Drug Disposition</i> , 2007, 28, 445-454.	1.1	5
28	Temperature and dose effects on the pathogenicity and reproduction of two Korean isolates of <i>Heterorhabditis bacteriophora</i> (Nematoda: Heterorhabditidae). <i>Journal of Asia-Pacific Entomology</i> , 2010, 13, 277-282.	0.4	5
29	Design, synthesis, bioconversion, and pharmacokinetics evaluation of new ester prodrugs of olmesartan. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3564-3569.	2.6	5
30	Acutely increased β -hydroxybutyrate plays a role in the prefrontal cortex to escape stressful conditions during the acute stress response. <i>Biochemical and Biophysical Research Communications</i> , 2021, 554, 19-24.	1.0	5
31	Effects of water deprivation for 72h on the pharmacokinetics of ipriflavone in rats. <i>Research in Veterinary Science</i> , 2008, 85, 149-155.	0.9	4
32	Discovery of olmesartan hexetil: A new potential prodrug of olmesartan. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1347-1350.	1.0	4
33	Anatomical characterization and LC-MS profiling of <i>Adenophora</i> roots from Korea. <i>Revista Brasileira De Farmacognosia</i> , 2019, 29, 695-701.	0.6	4
34	Effect of Hydroxycinnamic Acid Amides, Coumaroyl Tyramine and Coumaroyl Tryptamine on Biotic Stress Response in <i>Arabidopsis</i> . <i>Journal of Plant Biology</i> , 2022, 65, 145-155.	0.9	4
35	Combined Water Extracts from Oxidation-Treated Leaves and Branches of <i>Hovenia dulcis</i> Has Anti-Hangover and Liver Protective Effects in Binge Alcohol Intake of Male Mice. <i>Nutrients</i> , 2021, 13, 4404.	1.7	4
36	Effects of KRC-108 on the Aurora A activity and growth of colorectal cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2015, 461, 605-611.	1.0	3

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37	Dose-dependent pharmacokinetics of KR-31378, a new neuroprotective agent for ischaemia-reperfusion damage in dogs. <i>Biopharmaceutics and Drug Disposition</i> , 2004, 25, 143-148.	1.1	2
38	Pharmacokinetic changes of ipriflavone in rats with acute renal failure induced by Uranyl Nitrate. <i>Biopharmaceutics and Drug Disposition</i> , 2006, 27, 345-351.	1.1	2
39	Ipriflavone pharmacokinetics in mutant Nagase analbuminemic rats. <i>Biopharmaceutics and Drug Disposition</i> , 2009, 30, 294-304.	1.1	2
40	Negligible Effect of Ginkgo Biloba Extract on the Pharmacokinetics of Cilostazol. <i>Biomolecules and Therapeutics</i> , 2009, 17, 311-317.	1.1	2
41	Increasing vitamin d deficiency in children from 1995 to 2011. <i>Turkish Journal of Pediatrics</i> , 2016, 58, 616.	0.3	2
42	Determination of 1-(3-fluoro-4-hydroxy-5-mercaptomethyltetrahydrofuran-2-yl)-5-methyl-1H-pyrimidine-2,4-dione in rat plasma and urine by high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 803, 367-370.	1.2	1
43	Pharmacokinetics of L-FMAUS, a new antiviral agent, after intravenous and oral administration to rats: contribution of gastrointestinal first-pass effect to low bioavailability. <i>Biopharmaceutics and Drug Disposition</i> , 2007, 28, 187-197.	1.1	1
44	Discovery of LDD-1075 as a potent FLT3 inhibitor. <i>Oncology Letters</i> , 2019, 17, 4735-4741.	0.8	1