

Tae Cheon Jeong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8150939/publications.pdf>

Version: 2024-02-01

77
papers

1,685
citations

257429

24
h-index

330122

37
g-index

77
all docs

77
docs citations

77
times ranked

2939
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Selective inhibitory effects of HYIproâ€³â€¹ on CYP1A2 in human liver microsomes. <i>Biopharmaceutics and Drug Disposition</i> , 2021, 42, 35-41. | 1.9 | 2 |
| 2 | A convenient fluorometric test method for skin sensitization using glutathione in chemico. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2021, 84, 783-799. | 2.3 | 2 |
| 3 | <i>In vitro</i> characterization of glycyrol metabolites in human liver microsomes using HR-resolution MS spectrometer coupled with tandem mass spectrometry. <i>Xenobiotica</i> , 2020, 50, 380-388. | 1.1 | 7 |
| 4 | Effects of Intestinal Microbiota on Pharmacokinetics of Crocin and Crocetin in Male Sprague-Dawley Rats. <i>Metabolites</i> , 2020, 10, 424. | 2.9 | 10 |
| 5 | Deoxyshikonin reversibly inhibits cytochrome P450 2B6. <i>Biopharmaceutics and Drug Disposition</i> , 2020, 41, 221-225. | 1.9 | 2 |
| 6 | Alternative Methods for Testing Botulinum Toxin: Current Status and Future Perspectives. <i>Biomolecules and Therapeutics</i> , 2020, 28, 302-310. | 2.4 | 15 |
| 7 | Role of Intestinal Microbiota in Metabolism of Voglibose In Vitro and In Vivo. <i>Diabetes and Metabolism Journal</i> , 2020, 44, 908-918. | 4.7 | 6 |
| 8 | Engineering â€œcell-particle hybridsâ€œ of pancreatic islets and bioadhesive FK506-loaded polymeric microspheres for local immunomodulation in xenogeneic islet transplantation. <i>Biomaterials</i> , 2019, 221, 119415. | 11.4 | 22 |
| 9 | Discovery and Biological Evaluations of Halogenated 2,4-Diphenyl Indeno[1,2- <i>b</i>]pyridinol Derivatives as Potent Topoisomerase III α -Targeted Chemotherapeutic Agents for Breast Cancer. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 8194-8234. | 6.4 | 19 |
| 10 | Identification of sulfonylâ€œloxoprofen as novel phase 2 conjugate in rat. <i>Biopharmaceutics and Drug Disposition</i> , 2019, 40, 234-241. | 1.9 | 0 |
| 11 | Assessing Drug Interaction and Pharmacokinetics of Loxoprofen in Mice Treated with CYP3A Modulators. <i>Pharmaceutics</i> , 2019, 11, 479. | 4.5 | 4 |
| 12 | Inflammation-triggered local drug release ameliorates colitis by inhibiting dendritic cell migration and Th1/Th17 differentiation. <i>Journal of Controlled Release</i> , 2019, 316, 138-149. | 9.9 | 31 |
| 13 | Assessment of skin sensitizing potential of metals with β -galactosidase-expressing <i>E. coli</i> culture system. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2019, 82, 879-889. | 2.3 | 3 |
| 14 | Identification of pre- and pro-haptens with a β -galactosidase-expressing <i>E. coli</i> culture system for skin sensitization. <i>Toxicology Letters</i> , 2019, 305, 81-93. | 0.8 | 2 |
| 15 | Identification of DNA and glutathione adducts in male Spragueâ€œDawley rats exposed to 1-bromopropane. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2019, 82, 502-513. | 2.3 | 4 |
| 16 | Activation of Mevalonate Pathway via LKB1 Is Essential for Stability of Treg Cells. <i>Cell Reports</i> , 2019, 27, 2948-2961.e7. | 6.4 | 57 |
| 17 | A β -galactosidase-expressing <i>E. coli</i> culture as an alternative test to identify skin sensitizers and non-sensitizers. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 288-301. | 2.3 | 9 |
| 18 | Ameliorating effect of TI-1-162, a hydroxyindenone derivative, against TNBS-induced rat colitis is mediated through suppression of RIP/ASK-1/MAPK signaling. <i>European Journal of Pharmacology</i> , 2018, 827, 94-102. | 3.5 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A simple in chemico method for testing skin sensitizing potential of chemicals using small endogenous molecules. <i>Toxicology Letters</i> , 2018, 289, 75-85. | 0.8 | 9 |
| 20 | Intra- and inter-laboratory reproducibility and predictivity of the HaCaSens assay: A skin sensitization test using human keratinocytes, HaCaT. <i>Toxicology in Vitro</i> , 2018, 46, 304-312. | 2.4 | 14 |
| 21 | Optimizing the cutoff for the identification of skin sensitizers by the HaCaSens assay: Introducing an ROC-analysis-based cutoff approach. <i>Toxicology Letters</i> , 2018, 299, 86-94. | 0.8 | 2 |
| 22 | Characterization of CYPs and UGTs Involved in Human Liver Microsomal Metabolism of Ostheno. <i>Pharmaceutics</i> , 2018, 10, 141. | 4.5 | 5 |
| 23 | Investigation of nonalcoholic fatty liver disease-induced drug metabolism by comparative global toxicoproteomics. <i>Toxicology and Applied Pharmacology</i> , 2018, 352, 28-37. | 2.8 | 7 |
| 24 | Exploring the Metabolism of Loxoprofen in Liver Microsomes: The Role of Cytochrome P450 and UDP-Glucuronosyltransferase in Its Biotransformation. <i>Pharmaceutics</i> , 2018, 10, 112. | 4.5 | 9 |
| 25 | Leptin induces CREB-dependent aromatase activation through COX-2 expression in breast cancer cells. <i>Food and Chemical Toxicology</i> , 2017, 106, 232-241. | 3.6 | 23 |
| 26 | Protective effect of rutaecarpine against t-BHP-induced hepatotoxicity by upregulating antioxidant enzymes via the CaMKII-Akt and Nrf2/ARE pathways. <i>Food and Chemical Toxicology</i> , 2017, 100, 138-148. | 3.6 | 49 |
| 27 | Phase I and phase II metabolite identification of rutaecarpine in freshly isolated hepatocytes from male Sprague-Dawley rats. <i>Archives of Pharmacal Research</i> , 2017, 40, 972-979. | 6.3 | 7 |
| 28 | Impact of gut microbiota on drug metabolism: an update for safe and effective use of drugs. <i>Archives of Pharmacal Research</i> , 2017, 40, 1345-1355. | 6.3 | 56 |
| 29 | Investigation of the Regulatory Effects of Saccharin on Cytochrome P450s in Male ICR Mice. <i>Toxicological Research</i> , 2017, 33, 25-30. | 2.1 | 6 |
| 30 | Role of Intestinal Microbiota in Baicalin-Induced Drug Interaction and Its Pharmacokinetics. <i>Molecules</i> , 2016, 21, 337. | 3.8 | 78 |
| 31 | Inhibitory Activity of (+)-Usnic Acid against Non-Small Cell Lung Cancer Cell Motility. <i>PLoS ONE</i> , 2016, 11, e0146575. | 2.5 | 38 |
| 32 | Identification of a N 7-guanine adduct of 1-bromopropane in calf thymus DNA by mass spectrometry. <i>Molecular and Cellular Toxicology</i> , 2016, 12, 7-14. | 1.7 | 6 |
| 33 | Performance standard-based validation study for local lymph node assay: 5-bromo-2-deoxyuridine-flow cytometry method. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 80, 183-194. | 2.7 | 12 |
| 34 | Betulinic Acid Increases eNOS Phosphorylation and NO Synthesis via the Calcium-Signaling Pathway. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 785-791. | 5.2 | 27 |
| 35 | Pharmacokinetic Interaction of Chrysin with Caffeine in Rats. <i>Biomolecules and Therapeutics</i> , 2016, 24, 446-452. | 2.4 | 25 |
| 36 | Keratinocytic Vascular Endothelial Growth Factor as a Novel Biomarker for Pathological Skin Condition. <i>Biomolecules and Therapeutics</i> , 2015, 23, 12-18. | 2.4 | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Effects of Baicalin on Oral Pharmacokinetics of Caffeine in Rats. <i>Biomolecules and Therapeutics</i> , 2015, 23, 201-206. | 2.4 | 19 |
| 38 | Chemical allergens stimulate human epidermal keratinocytes to produce lymphangiogenic vascular endothelial growth factor. <i>Toxicology and Applied Pharmacology</i> , 2015, 283, 147-155. | 2.8 | 15 |
| 39 | Characterization of novel mechanisms for steatosis from global protein hyperacetylation in ethanol-induced mouse hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 832-838. | 2.1 | 10 |
| 40 | Comprehensive Analysis of in Vivo Phosphoproteome of Mouse Liver Microsomes. <i>Journal of Proteome Research</i> , 2015, 14, 5215-5224. | 3.7 | 1 |
| 41 | Korean Red Ginseng attenuates ethanol-induced steatosis and oxidative stress via AMPK/Sirt1 activation. <i>Journal of Ginseng Research</i> , 2015, 39, 105-115. | 5.7 | 58 |
| 42 | Absolute bioavailability and metabolism of aceclofenac in rats. <i>Archives of Pharmacal Research</i> , 2015, 38, 68-72. | 6.3 | 13 |
| 43 | Inhibitory Effect of 3-(4-Hydroxyphenyl)-1-(thiophen-2-yl) prop-2-en-1-one, a Chalcone Derivative on MCP-1 Expression in Macrophages via Inhibition of ROS and Akt Signaling. <i>Biomolecules and Therapeutics</i> , 2015, 23, 119-127. | 2.4 | 13 |
| 44 | Ilimaquinone induces death receptor expression and sensitizes human colon cancer cells to TRAIL-induced apoptosis through activation of ROS-ERK/p38 MAPK/CHOP signaling pathways. <i>Food and Chemical Toxicology</i> , 2014, 71, 51-59. | 3.6 | 46 |
| 45 | Genipin induces cyclooxygenase-2 expression via NADPH oxidase, MAPKs, AP-1, and NF- κ B in RAW 264.7 cells. <i>Food and Chemical Toxicology</i> , 2014, 64, 126-134. | 3.6 | 13 |
| 46 | Role of metabolism by intestinal microbiota in pharmacokinetics of oral baicalin. <i>Archives of Pharmacal Research</i> , 2014, 37, 371-378. | 6.3 | 61 |
| 47 | Nephrotoxic Potential and Toxicokinetics of Melamine Combined with Cyanuric Acid in Rats. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014, 77, 1346-1358. | 2.3 | 12 |
| 48 | Metformin suppresses CYP1A1 and CYP1B1 expression in breast cancer cells by down-regulating aryl hydrocarbon receptor expression. <i>Toxicology and Applied Pharmacology</i> , 2014, 280, 138-148. | 2.8 | 41 |
| 49 | Modulation of Atg5 expression by globular adiponectin contributes to autophagy flux and suppression of ethanol-induced cell death in liver cells. <i>Food and Chemical Toxicology</i> , 2014, 68, 11-22. | 3.6 | 18 |
| 50 | Leptin induces CYP1B1 expression in MCF-7 cells through ligand-independent activation of the ER α pathway. <i>Toxicology and Applied Pharmacology</i> , 2014, 277, 39-48. | 2.8 | 15 |
| 51 | Platycodon grandiflorum root-derived saponins attenuate atopic dermatitis-like skin lesions via suppression of NF- κ B and STAT1 and activation of Nrf2/ARE-mediated heme oxygenase-1. <i>Phytomedicine</i> , 2014, 21, 1053-1061. | 5.3 | 49 |
| 52 | HS-1793, a resveratrol analogue, induces cell cycle arrest and apoptotic cell death in human breast cancer cells. <i>International Journal of Oncology</i> , 2014, 44, 473-480. | 3.3 | 25 |
| 53 | A Comparison of the In Vitro Inhibitory Effects of Thelephoric Acid and SKF-525A on Human Cytochrome P450 Activity. <i>Biomolecules and Therapeutics</i> , 2014, 22, 155-160. | 2.4 | 4 |
| 54 | Protective Effects of Diallyl Sulfide against Thioacetamide-Induced Toxicity: A Possible Role of Cytochrome P450 2E1. <i>Biomolecules and Therapeutics</i> , 2014, 22, 149-154. | 2.4 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Evaluation of Renal Toxicity by Combination Exposure to Melamine and Cyanuric Acid in Male Sprague-Dawley Rats. <i>Toxicological Research</i> , 2014, 30, 99-107. | 2.1 | 20 |
| 56 | Topical application of <i>Pleurotus eryngii</i> extracts inhibits 2,4-dinitrochlorobenzene-induced atopic dermatitis in NC/Nga mice by the regulation of Th1/Th2 balance. <i>Food and Chemical Toxicology</i> , 2013, 53, 38-45. | 3.6 | 46 |
| 57 | The effect of gut microbiota on drug metabolism. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2013, 9, 1295-1308. | 3.3 | 102 |
| 58 | Cultivated ginseng inhibits 2,4-dinitrochlorobenzene-induced atopic dermatitis-like skin lesions in NC/Nga mice and TNF- α /IFN- γ -induced TARC activation in HaCaT cells. <i>Food and Chemical Toxicology</i> , 2013, 56, 195-203. | 3.6 | 50 |
| 59 | Metformin inhibits heme oxygenase-1 expression in cancer cells through inactivation of Raf-ERK-Nrf2 signaling and AMPK-independent pathways. <i>Toxicology and Applied Pharmacology</i> , 2013, 271, 229-238. | 2.8 | 104 |
| 60 | Role of intestinal microflora in xenobiotic-induced toxicity. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 84-99. | 3.3 | 31 |
| 61 | S-Allyl cysteine attenuates free fatty acid-induced lipogenesis in human HepG2 cells through activation of the AMP-activated protein kinase-dependent pathway. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1469-1478. | 4.2 | 41 |
| 62 | 3-O-Caffeoyl, 4-O-dihydrocaffeoylquinic acid from <i>Salicornia herbacea</i> attenuates high glucose-induced hepatic lipogenesis in human HepG2 cells through activation of the liver kinase B1 and silent information regulator T1/AMPK-dependent pathway. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 471-482. | 3.3 | 31 |
| 63 | Inhibitory effect of dihydroartemisinin against phorbol ester-induced cyclooxygenase-2 expression in macrophages. <i>Food and Chemical Toxicology</i> , 2013, 56, 93-99. | 3.6 | 18 |
| 64 | 1-Bromopropane up-regulates cyclooxygenase-2 expression via NF- κ B and C/EBP activation in murine macrophages. <i>Food and Chemical Toxicology</i> , 2012, 50, 1616-1622. | 3.6 | 6 |
| 65 | Role of metabolism by human intestinal microflora in geniposide-induced toxicity in HepG2 cells. <i>Archives of Pharmacal Research</i> , 2012, 35, 733-738. | 6.3 | 44 |
| 66 | Role of metabolism by the human intestinal microflora in arbutin-induced cytotoxicity in HepG2 cell cultures. <i>Biochemical and Biophysical Research Communications</i> , 2011, 413, 318-324. | 2.1 | 25 |
| 67 | Effects of rutaecarpine on the metabolism and urinary excretion of caffeine in rats. <i>Archives of Pharmacal Research</i> , 2011, 34, 119-125. | 6.3 | 17 |
| 68 | Role of metabolism by intestinal bacteria in arbutin-induced toxicity in vitro. <i>Archives of Pharmacal Research</i> , 2011, 34, 687-693. | 6.3 | 20 |
| 69 | Hepatotoxicity and Immunotoxicity of 1-Bromohexane and Its Glutathione Conjugation in Female BALB/c Mice. <i>Journal of Health Science</i> , 2010, 56, 434-441. | 0.9 | 3 |
| 70 | The role of cyclooxygenase-2-dependent signaling via cyclic AMP response element activation on aromatase up-regulation by o,p'-DDT in human breast cancer cells. <i>Toxicology Letters</i> , 2010, 198, 331-341. | 0.8 | 20 |
| 71 | Effects of Oral Rutaecarpine on the Pharmacokinetics of Intravenous Chlorzoxazone in Rats. <i>Toxicological Research</i> , 2008, 24, 195-199. | 2.1 | 2 |
| 72 | Characterization of human liver cytochrome P450 enzymes involved in the metabolism of rutaecarpine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 41, 304-309. | 2.8 | 14 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | SKF 525-A INDUCES COCAINE-DEMETHYLASE, ETHOXYRESORUFINO-DEETHYLASE, AND PENTOXRESORUFINO-DEALKYLASE ACTIVITIES BY INDUCTION OF CYTOCHROME P-450 2B IN FEMALE B6C3F1 MICE. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2004, 67, 1955-1970. | 2.3 | 4 |
| 74 | Characterization of in vitro metabolites of rutaecarpine in rat liver microsomes using liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 1073-1080. | 1.5 | 37 |
| 75 | Effects of a new neuroprotective agent KR-31378 on liver cytochrome P450s in male sprague dawley rats. <i>Archives of Pharmacal Research</i> , 2003, 26, 800-4. | 6.3 | 1 |
| 76 | IMMUNOTOXIC EFFECTS OF 2-BROMOPROPANE IN MALE SPRAGUE-DAWLEY RATS: A 28-DAY EXPOSURE STUDY. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2002, 65, 383-394. | 2.3 | 9 |
| 77 | Allergenicity test of genetically modified soybean in Sprague Dawley rats. <i>Archives of Pharmacal Research</i> , 2001, 24, 256-261. | 6.3 | 9 |