Soo Kyung Bae

List of Publications by Year
in descending order

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Version: 2024-02-01

45 papers	737 citations	516710 16 h-index	580821 25 g-index
45 all docs	45 docs citations	45 times ranked	1210 citing authors

#	Article	IF	Citations
1	The Relationship between the Gut Microbiome and Metformin as a Key for Treating Type 2 Diabetes Mellitus. International Journal of Molecular Sciences, 2021, 22, 3566.	4.1	62
2	The Comprehensive â€œOmicsâ€•Approach from Metabolomics to Advanced Omics for Development of Immune Checkpoint Inhibitors: Potential Strategies for Next Generation of Cancer Immunotherapy. International Journal of Molecular Sciences, 2021, 22, 6932.	4.1	9
3	Water-soluble coenzyme Q₁₀ provides better protection than lipid-soluble coenzyme Q₁₀ in a rat model of chronic tacrolimus nephropathy. Korean Journal of Internal Medicine, 2021, 36, 949-961.	1.7	6
4	Simultaneous determination of donepezil, 6-O-desmethyl donepezil and spinosin in beagle dog plasma using liquid chromatographyâ€'tandem mass spectrometry and its application to a drug-drug interaction study. Journal of Pharmaceutical and Biomedical Analysis, 2020, 178, 112919.	2.8	6
5	Acetylated Hyaluronic Acid-Poly(L-lactic acid) Conjugate Nanoparticles for Inhibition of Doxorubicinol Production from Doxorubicin. Macromolecular Research, 2020, 28, 67-73.	2.4	5
6	Anthocyanin-fucoidan nanocomplex for preventing carcinogen induced cancer: Enhanced absorption and stability. International Journal of Pharmaceutics, 2020, 586, 119597.	5.2	20
7	Carfilzomib Delivery by Quinic Acid-Conjugated Nanoparticles: Discrepancy Between Tumoral Drug Accumulation and Anticancer Efficacy in a Murine 4T1 Orthotopic Breast Cancer Model. Journal of Pharmaceutical Sciences, 2020, 109, 1615-1622.	3.3	3
8	Inhibition of cytochrome P450 2B6 by Astragalus extract mixture HT042. Toxicological Research, 2020, 36, 195-201.	2.1	1
9	The therapeutic efficacy of water-soluble coenzyme Q10 in an experimental model of tacrolimus-induced diabetes mellitus. Korean Journal of Internal Medicine, 2020, 35, 1443-1456.	1.7	5
10	Plant-Derived Purification, Chemical Synthesis, and In Vitro/In Vivo Evaluation of a Resveratrol Dimer, Viniferin, as an HCV Replication Inhibitor. Viruses, 2019, 11, 890.	3.3	17
11	Theracurmin Ameliorates Cognitive Dysfunctions in 5XFAD Mice by Improving Synaptic Function and Mitigating Oxidative Stress. Biomolecules and Therapeutics, 2019, 27, 327-335.	2.4	24
12	Expanding therapeutic utility of carfilzomib for breast cancer therapy by novel albumin-coated nanocrystal formulation. Journal of Controlled Release, 2019, 302, 148-159.	9.9	41
13	Simultaneous quantification of ticagrelor and its active metabolite, AR-C124910XX, in human plasma by liquid chromatography-tandem mass spectrometry: Applications in steady-state pharmacokinetics in patients. Translational and Clinical Pharmacology, 2019, 27, 98.	0.9	5
14	Nonpolymeric pH-Sensitive Carbon Dots for Treatment of Tumor. Bioconjugate Chemistry, 2019, 30, 621-632.	3.6	22
15	Inhibition of Organic Anion Transporting Polypeptide 1B1 and 1B3 by Betulinic Acid: Effects of Preincubation and Albumin in the Media. Journal of Pharmaceutical Sciences, 2018, 107, 1713-1723.	3.3	9
16	Effects of cilostazol and renin-angiotensin system (RAS) blockers on the renal disease progression of Korean patients: a retrospective cohort study. International Journal of Clinical Pharmacy, 2018, 40, 160-168.	2.1	3
17	Identification and characterization of in vitro inhibitors against UDP-glucuronosyltransferase 1A1 in uva-ursi extracts and evaluation of in vivo uva-ursi-drug interactions. Food and Chemical Toxicology, 2018, 120, 651-661.	3.6	4
18	A simple and sensitive liquid chromatographyâ€"tandem mass spectrometry method for trans -Îµ-viniferin quantification in mouse plasma and its application to a pharmacokinetic study in mice. Journal of Pharmaceutical and Biomedical Analysis, 2017, 134, 116-121.	2.8	18

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19	Prediction of drugâ€“drug interaction potential using physiologically based pharmacokinetic modeling. Archives of Pharmacal Research, 2017, 40, 1356-1379.	6.3	59
20	Quantitative determination of carfilzomib in mouse plasma by liquid chromatographyâ€“tandem mass spectrometry and its application to a pharmacokinetic study. Journal of Pharmaceutical and Biomedical Analysis, 2017, 146, 341-346.	2.8	6
21	Population pharmacokinetics of remifentanil in critically ill patients receiving extracorporeal membrane oxygenation. Scientific Reports, 2017, 7, 16276.	3.3	14
22	Population Pharmacokinetics and Dose Optimization of Teicoplanin during Venoarterial Extracorporeal Membrane Oxygenation. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	16
23	Polymer micelle formulation for the proteasome inhibitor drug carfilzomib: Anticancer efficacy and pharmacokinetic studies in mice. PLoS ONE, 2017, 12, e0173247.	2.5	18
24	Application of physiologically based pharmacokinetic modeling in predicting drug–drug interactions for sarpogrelate hydrochloride in humans. Drug Design, Development and Therapy, 2016, Volume 10, 2959-2972.	4.3	3
25	Impact of statins on risk of new onset diabetes mellitus: a population-based cohort study using the Korean National Health Insurance claims database. Therapeutics and Clinical Risk Management, 2016, Volume 12, 1533-1543.	2.0	23
26	In Vitro Inhibition of Human UDP-Glucuronosyl-Transferase (UGT) Isoforms by Astaxanthin, Î²-Cryptoxanthin, Canthaxanthin, Lutein, and Zeaxanthin: Prediction of in Vivo Dietary Supplement-Drug Interactions. Molecules, 2016, 21, 1052.	3.8	12
27	Bone-targeted delivery of nanodiamond-based drug carriers conjugated with alendronate for potential osteoporosis treatment. Journal of Controlled Release, 2016, 232, 152-160.	9.9	72
28	In vitro stereoselective inhibition of ginsenosides toward UDP-glucuronosyltransferase (UGT) isoforms. Toxicology Letters, 2016, 259, 1-10.	0.8	24
29	Identification of a resveratrol tetramer as a potent inhibitor of hepatitis C virus helicase. British Journal of Pharmacology, 2016, 173, 191-211.	5.4	35
30	Simultaneous determination of Î²-sitosterol, campesterol, and stigmasterol in rat plasma by using LC-APCI-MS/MS: Application in a pharmacokinetic study of a titrated extract of the unsaponifiable fraction ofZea mays L.. Journal of Separation Science, 2016, 39, 4060-4070.	2.5	22
31	pH-Responsive globular poly(ethylene glycol) for photodynamic tumor therapy. Colloids and Surfaces B: Biointerfaces, 2016, 148, 173-180.	5.0	10
32	Antiplatelet Therapy of Cilostazol or Sarpogrelate with Aspirin and Clopidogrel after Percutaneous Coronary Intervention: A Retrospective Cohort Study Using the Korean National Health Insurance Claim Database. PLoS ONE, 2016, 11, e0150475.	2.5	12
33	Rapid separation of cyanidin-3-glucoside and cyanidin-3-rutinoside from crude mulberry extract using high-performance countercurrent chromatography and establishment of a volumetric scale-up process. Journal of Separation Science, 2015, 38, 1828-1836.	2.5	13
34	Improved oral absorption of cilostazol via sulfonate salt formation with mesylate and besylate. Drug Design, Development and Therapy, 2015, 9, 3961.	4.3	12
35	Development and validation of a liquid chromatography with tandem mass spectrometry method for the quantification of vitisin B in rat plasma and urine. Journal of Separation Science, 2015, 38, 1872-1880.	2.5	4
36	Pharmacokinetic properties of trifolirhizin, (â€“)-maackiain, (â€“)-sophoranone and 2-(2,4-dihydroxyphenyl)-5,6-methylenedioxybenzofuran after intravenous and oral administration ofSophora tonkinensisextract in rats. Xenobiotica, 2015, 45, 1092-1104.	1.1	3

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37	In vitro selective inhibition of human UDP-glucuronosyltransferase (UGT) 1A4 by finasteride, and prediction of in vivo drugâ€“drug interactions. Toxicology Letters, 2015, 232, 458-465.	0.8	15
38	Coated dextrin microcapsules of amlodipine incorporable into orally disintegrating tablets for geriatric patients. Biomedicine and Pharmacotherapy, 2014, 68, 1117-1124.	5.6	12
39	Evaluation of the in vitro/in vivo potential of five berries (bilberry, blueberry, cranberry, elderberry,) Tj ETQq1 1 0.784314 rgBT /Overlock diphospho-glucuronosyltransferase. Food and Chemical Toxicology, 2014, 72, 13-19.	3.6	18
40	Evaluation of the in vitro/in vivo drug interaction potential of BST204, a purified dry extract of ginseng, and its four bioactive ginsenosides through cytochrome P450 inhibition/induction and UDP-glucuronosyltransferase inhibition. Food and Chemical Toxicology, 2014, 68, 117-127.	3.6	25
41	Metabolic Drug-Drug Interaction Potential of Macrolactin A and 7-O-Succinyl Macrolactin A Assessed by Evaluating Cytochrome P450 Inhibition and Induction and UDP-Glucuronosyltransferase InhibitionIn Vitro. Antimicrobial Agents and Chemotherapy, 2014, 58, 5036-5046.	3.2	12
42	Establishment and Significance of Bioequivalence Recommendations for Individual Products-Drugs Acting on Circulatory System and Others. Journal of the Korean Society for Clinical Pharmacology and Therapeutics, 2013, 21, 17.	0.1	0
43	Pharmacokinetics of a New Once-Daily Controlled-Release Formulation of Aceclofenac in Korean Healthy Subjects Compared with Immediate-Release Aceclofenac and the Effect of Food. Clinical Drug Investigation, 2012, 32, 111-119.	2.2	14
44	Induction of apoptosis in colon cancer cells by a novel topoisomerase I inhibitor TopIn. Biochemical and Biophysical Research Communications, 2011, 409, 75-81.	2.1	9
45	Microdosing studies using accelerated mass spectrometry as exploratory investigational new drug trials. Archives of Pharmacal Research, 2011, 34, 1789-1798.	6.3	14