

# Tae-Sung Koo

## List of Publications by Year in descending order

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41  
papers

442  
citations

687363

13  
h-index

794594

19  
g-index

41  
all docs

41  
docs citations

41  
times ranked

629  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and biological evaluation of quinolone derivatives as transthyretin amyloidogenesis inhibitors and fluorescence sensors. Bioorganic and Medicinal Chemistry, 2022, 53, 116550.	3.0	4
2	Development of an LC-MS/MS Method for ARV-110, a PROTAC Molecule, and Applications to Pharmacokinetic Studies. Molecules, 2022, 27, 1977.	3.8	26
3	Design and Synthesis of a Novel 4-aryl-N-(2-alkoxythieno) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td ([2,3-b]pyrazine-3-yl)-4 Cancer through G2/M Arrest. Pharmaceuticals, 2022, 15, 502.	3.8	3
4	The Development and Optimization of Hot-Melt Extruded Amorphous Solid Dispersions Containing Rivaroxaban in Combination with Polymers. Pharmaceutics, 2021, 13, 344.	4.5	12
5	Pharmacokinetic Characterization of Supinixin and Its Physiologically Based Pharmacokinetic Modeling in Rats. Pharmaceutics, 2021, 13, 373.	4.5	0
6	Bioanalysis of niclosamide in plasma using liquid chromatography-tandem mass and application to pharmacokinetics in rats and dogs. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1179, 122862.	2.3	11
7	Pharmacokinetics and diuretic effect of furosemide after single intravenous, oral tablet, and newly developed oral disintegrating film administration in healthy beagle dogs. BMC Veterinary Research, 2021, 17, 295.	1.9	1
8	Determination of motolimod concentration in rat plasma by liquid chromatography-tandem mass spectrometry and its application in a pharmacokinetic study. Journal of Pharmaceutical and Biomedical Analysis, 2020, 179, 112987.	2.8	4
9	A highly sensitive fluorescent probe that quantifies transthyretin in human plasma as an early diagnostic tool of Alzheimer's disease. Chemical Communications, 2019, 55, 10424-10427.	4.1	15
10	<p>Effects of formulation types on pharmacodynamics of warfarin in patients with cerebral infarction and dysphagia</p>. Clinical Pharmacology: Advances and Applications, 2019, Volume 11, 51-56.	1.2	0
11	Pharmacokinetics and pharmacodynamics of intravenous esomeprazole at 2 different dosages in dogs. Journal of Veterinary Internal Medicine, 2019, 33, 531-535.	1.6	7
12	Protective effect of RIPK1-inhibitory compound in in vivo models for retinal degenerative disease. Experimental Eye Research, 2019, 180, 8-17.	2.6	21
13	Liquid chromatography-tandem mass spectrometry of recombinant human extracellular superoxide dismutase (rhSOD3) in mouse plasma and its application to pharmacokinetic study. Journal of Pharmaceutical and Biomedical Analysis, 2019, 164, 590-597.	2.8	3
14	Enhanced Solubility, In-Vitro Dissolution and Lipase Inhibition of a Self-Nanoemulsifying Drug Delivery System Containing Orlistat. Journal of Nanoscience and Nanotechnology, 2019, 19, 634-639.	0.9	5
15	Discovery and optimization of ATX inhibitors via modeling, synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2018, 148, 397-409.	5.5	9
16	Effects of Angelica gigas extract on the oral pharmacokinetics of gefitinib in rats. Journal of Pharmaceutical Investigation, 2018, 48, 295-300.	5.3	2
17	Pharmacokinetics of tafamidis, a transthyretin amyloidosis drug, in rats. Xenobiotica, 2018, 48, 831-838.	1.1	1
18	Development of a liquid chromatography-tandem mass spectrometry method for assaying cenobamate in rat plasma. Journal of Liquid Chromatography and Related Technologies, 2018, 41, 992-997.	1.0	7

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19	Orlistat-loaded solid SNEDDS for the enhanced solubility, dissolution, and in vivo performance. International Journal of Nanomedicine, 2018, Volume 13, 7095-7106.	6.7	20
20	Comparative single-dose pharmacokinetics of sildenafil after oral and rectal administration in healthy beagle dogs. BMC Veterinary Research, 2018, 14, 291.	1.9	6
21	Development and Evaluation of Raloxifene-Hydrochloride-Loaded Supersaturatable SMEDDS Containing an Acidifier. Pharmaceutics, 2018, 10, 78.	4.5	20
22	Development and validation of a liquid chromatography-tandem mass spectrometry method for the assay of tafamidis in rat plasma: Application to a pharmacokinetic study in rats. Journal of Pharmaceutical and Biomedical Analysis, 2017, 137, 90-95.	2.8	8
23	A validated HPLC-MS/MS method for the quantification of supinoxin in rat plasma and its application to pharmacokinetic study. Acta Chromatographica, 2017, 29, 463-468.	1.3	2
24	Development of a LC-MS/MS method for the determination of CKD-712 in rat plasma: Application to a pharmacokinetic study in rats. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1061-1062, 123-127.	2.3	0
25	Subacute toxicity evaluation of KR-33493, FAF1 inhibitor for a new anti-parkinson's disease agent, after oral administration in rats and dogs. Regulatory Toxicology and Pharmacology, 2016, 81, 387-396.	2.7	10
26	Systemic optimization and structural evaluation of quinoline derivatives as transthyretin amyloidogenesis inhibitors. European Journal of Medicinal Chemistry, 2016, 123, 777-787.	5.5	13
27	Pharmacokinetics of enzalutamide, an anti-prostate cancer drug, in rats. Archives of Pharmacal Research, 2015, 38, 2076-2082.	6.3	21
28	Discovery of Tyk2 inhibitors via the virtual site-directed fragment-based drug design. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3947-3952.	2.2	11
29	Hair-Growth-Promoting Effect of Conditioned Medium of High Integrin $\alpha 6$ and Low CD 71 ( $\alpha 6$ bri/CD71dim) Positive Keratinocyte Cells. International Journal of Molecular Sciences, 2015, 16, 4379-4391.	4.1	18
30	Simultaneous quantification of methylene blue and its major metabolite, azure B, in plasma by LC-MS/MS and its application for a pharmacokinetic study. Biomedical Chromatography, 2014, 28, 518-524.	1.7	18
31	Quantitative determination of enzalutamide, an anti-prostate cancer drug, in rat plasma using liquid chromatography-tandem mass spectrometry, and its application to a pharmacokinetic study. Biomedical Chromatography, 2014, 28, 1112-1117.	1.7	25
32	Discovery of non-LBD inhibitor for androgen receptor by structure-guide design. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 3887-3890.	2.2	6
33	Liquid chromatography-tandem mass spectrometry for quantification of lacosamide, an antiepileptic drug, in rat plasma and its application to pharmacokinetic study. Biomedical Chromatography, 2012, 26, 371-376.	1.7	18
34	Functional Impairment of Rat Taurine Transporter by Activation of Nitrogen Oxide through Superoxide. Drug Metabolism and Pharmacokinetics, 2012, 27, 286-293.	2.2	3
35	A Sensitive and Selective LC-MS Method for the Determination of Lurasidone in Rat Plasma, Bile, and Urine. Chromatographia, 2012, 75, 1117-1128.	1.3	12
36	Pharmacokinetics of lurasidone, a novel atypical anti-psychotic drug, in rats. Xenobiotica, 2011, 41, 1100-1107.	1.1	25

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37	Pharmacokinetics, brain distribution, and plasma protein binding of the antiepileptic drug lacosamide in rats. Archives of Pharmacal Research, 2011, 34, 2059-2064.	6.3	26
38	Quantification of lurasidone, an atypical antipsychotic drug, in rat plasma with high-performance liquid chromatography with tandem mass spectrometry. Biomedical Chromatography, 2011, 25, 1389-1394.	1.7	24
39	Application of a sample pooling method for the accelerated assessment of the rate of uptake of drugs by the brain in rats. Journal of Pharmacy and Pharmacology, 2010, 58, 837-846.	2.4	5
40	Quantification of clotiazepam in human plasma by gas chromatography-mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 834, 128-133.	2.3	5
41	Comparison of Pharmacokinetics of Loxoprofen and its Active Metabolites After an Intravenous, Intramuscular, and Oral Administration of Loxoprofen in Rats: Evidence for Extrahepatic Metabolism. Journal of Pharmaceutical Sciences, 2005, 94, 2187-2197.	3.3	15