

# Leonid Kagan

## List of Publications by Year in descending order

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43  
papers

1,015  
citations

430874

18  
h-index

434195

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43  
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43  
docs citations

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times ranked

1464  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of Individual Analgesic Response to Intravenous Lidocaine in Painful Diabetic Peripheral Neuropathy. <i>Clinical Journal of Pain</i> , 2022, 38, 65-76.	1.9	4
2	A validated LC-MS/MS method for the quantitation of cefazolin in human adipose tissue: Application of EMR-Lipid sorbent as an efficient sample clean-up before mass spectrometric analyses. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 213, 114696.	2.8	3
3	Vitamin D Metabolism Gene Polymorphisms and Their Associated Disorders: A Literature Review. <i>Current Drug Metabolism</i> , 2022, 23, 630-651.	1.2	2
4	Mechanistic Modeling of the Effect of Recombinant Human Hyaluronidase (rHuPH20) on Subcutaneous Delivery of Cetuximab in Rats. <i>Pharmaceutical Research</i> , 2022, 39, 1867-1880.	3.5	1
5	Plasma and cerebrospinal fluid pharmacokinetics of ondansetron in humans. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 516-526.	2.4	4
6	Population Pharmacokinetics and Significant Under-Dosing of Anti-Tuberculosis Medications in People with HIV and Critical Illness. <i>Antibiotics</i> , 2021, 10, 739.	3.7	9
7	Administration in fed state but not controlled release in the colon increases oral bioavailability of DF030263, a promising drug candidate for chronic lymphocytic leukemia. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 165, 106-112.	4.3	0
8	Evaluation and enhancement of standard equations for renal function estimation in individuals with components of metabolic disease. <i>BMC Nephrology</i> , 2021, 22, 389.	1.8	3
9	Intradermal and transdermal drug delivery using microneedles – Fabrication, performance evaluation and application to lymphatic delivery. <i>Advanced Drug Delivery Reviews</i> , 2020, 153, 195-215.	13.7	102
10	Is rat a good model for assessment of particulate-based taste-masked formulations?. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 146, 1-9.	4.3	5
11	Lymphatic Distribution of Etanercept Following Intravenous and Subcutaneous Delivery to Rats. <i>Pharmaceutical Research</i> , 2020, 37, 155.	3.5	5
12	Redox Imbalance and Oxidative DNA Damage During Isoniazid Treatment of HIV-Associated Tuberculosis: A Clinical and Translational Pharmacokinetic Study. <i>Frontiers in Pharmacology</i> , 2020, 11, 1103.	3.5	1
13	Pharmacokinetic Modeling of the Impact of P-glycoprotein on Ondansetron Disposition in the Central Nervous System. <i>Pharmaceutical Research</i> , 2020, 37, 205.	3.5	1
14	Predicting Intestinal and Hepatic First-Pass Metabolism of Orally Administered Testosterone Undecanoate. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7283.	2.5	5
15	Interspecies prediction of pharmacokinetics and tissue distribution of doxorubicin by physiologically-based pharmacokinetic modeling. <i>Biopharmaceutics and Drug Disposition</i> , 2020, 41, 192-205.	1.9	9
16	Exposure-Response and Clinical Outcome Modeling of Inhaled Budesonide/Formoterol Combination in Asthma Patients. <i>Pharmaceutics</i> , 2020, 12, 336.	4.5	0
17	Simultaneous quantification of ondansetron and tariquidar in rat and human plasma using a high performance liquid chromatography-ultraviolet method. <i>Biomedical Chromatography</i> , 2019, 33, e4653.	1.7	5
18	A novel nucleoside rescue metabolic pathway may be responsible for therapeutic effect of orally administered cordycepin. <i>Scientific Reports</i> , 2019, 9, 15760.	3.3	17

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19	<p>&lt;p&gt;Evaluation of treatment options for methicillin-resistant &lt;em&gt;Staphylococcus aureus&lt;/em&gt; infections in the obese patient&lt;/p&gt;. Infection and Drug Resistance, 2019, Volume 12, 877-891.</p>	2.7	6
20	<p>Attainment of target rifampicin concentrations in cerebrospinal fluid during treatment of tuberculous meningitis. International Journal of Infectious Diseases, 2019, 84, 15-21.</p>	3.3	7
21	<p>Cardiac glycoside cerberin exerts anticancer activity through PI3K/AKT/mTOR signal transduction inhibition. Cancer Letters, 2019, 453, 57-73.</p>	7.2	37
22	<p>Prevention of paclitaxel-induced neuropathy by formulation approach. Journal of Controlled Release, 2019, 303, 109-116.</p>	9.9	28
23	<p>Somatosensory predictors of response to pregabalin in painful chemotherapy-induced peripheral neuropathy: a randomized, placebo-controlled, crossover study. Pain, 2019, 160, 1835-1846.</p>	4.2	30
24	<p>Physiologically-based modeling and interspecies prediction of paclitaxel pharmacokinetics. Journal of Pharmacokinetics and Pharmacodynamics, 2018, 45, 577-592.</p>	1.8	12
25	<p>Evaluation of the Effects of Animal Growth and Previous Exposure on the Pharmacokinetics of Rituximab in Rats. Journal of Pharmaceutical Sciences, 2018, 107, 1987-1994.</p>	3.3	2
26	<p>Lipophilic activated ester prodrug approach for drug delivery to the intestinal lymphatic system. Journal of Controlled Release, 2018, 286, 10-19.</p>	9.9	41
27	<p>Quantitative analysis of lab-to-lab variability in Caco-2 permeability assays. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 114, 38-42.</p>	4.3	61
28	<p>Harnessing the Action of Fibroblast Growth Factor21 as a Therapeutic Agent. Current Pharmacology Reports, 2017, 3, 26-35.</p>	3.0	0
29	<p>Cefoxitin Plasma and Subcutaneous Adipose Tissue Concentration in Patients Undergoing Sleeve Gastrectomy. Clinical Therapeutics, 2016, 38, 204-210.</p>	2.5	7
30	<p>Evaluation of the chromogenic anti-factor IIa assay to assess dabigatran exposure in geriatric patients with atrial fibrillation in an outpatient setting. Thrombosis Journal, 2016, 14, 10.</p>	2.1	11
31	<p>Osteoarthritis disease progression model using six year follow-up data from the osteoarthritis initiative. Journal of Clinical Pharmacology, 2015, 55, 269-278.</p>	2.0	6
32	<p>Pharmacokinetic Modeling of the Subcutaneous Absorption of Therapeutic Proteins. Drug Metabolism and Disposition, 2014, 42, 1890-1905.</p>	3.3	67
33	<p>Dual Physiologically Based Pharmacokinetic Model of Liposomal and Nonliposomal Amphotericin B Disposition. Pharmaceutical Research, 2014, 31, 35-45.</p>	3.5	37
34	<p>Interspecies Pharmacokinetic Modeling of Subcutaneous Absorption of Rituximab in Mice and Rats. Pharmaceutical Research, 2014, 31, 3265-3273.</p>	3.5	24
35	<p>Mechanisms of Subcutaneous Absorption of Rituximab in Rats. Drug Metabolism and Disposition, 2013, 41, 248-255.</p>	3.3	41
36	<p>Interspecies Modeling and Prediction of Human Exenatide Pharmacokinetics. Pharmaceutical Research, 2013, 30, 751-760.</p>	3.5	29

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37	Subcutaneous Absorption of Monoclonal Antibodies: Role of Dose, Site of Injection, and Injection Volume on Rituximab Pharmacokinetics in Rats. <i>Pharmaceutical Research</i> , 2012, 29, 490-499.	3.5	82
38	Physiologically Based Pharmacokinetic Model of Amphotericin B Disposition in Rats Following Administration of Deoxycholate Formulation (Fungizone <sup>®</sup> ): Pooled Analysis of Published Data. <i>AAPS Journal</i> , 2011, 13, 255-64.	4.4	23
39	High-Dose Bupivacaine Remotely Loaded into Multivesicular Liposomes Demonstrates Slow Drug Release Without Systemic Toxic Plasma Concentrations After Subcutaneous Administration in Humans. <i>Anesthesia and Analgesia</i> , 2010, 110, 1018-1023.	2.2	68
40	Interspecies Scaling of Receptor-Mediated Pharmacokinetics and Pharmacodynamics of Type I Interferons. <i>Pharmaceutical Research</i> , 2010, 27, 920-932.	3.5	42
41	Effect of mode of administration on guaifenesin pharmacokinetics and expectorant action in the rat model. <i>Pulmonary Pharmacology and Therapeutics</i> , 2009, 22, 260-265.	2.6	20
42	The role of the lymphatic system in subcutaneous absorption of macromolecules in the rat model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 67, 759-765.	4.3	89
43	Gastroretentive Accordion Pill: Enhancement of riboflavin bioavailability in humans. <i>Journal of Controlled Release</i> , 2006, 113, 208-215.	9.9	69