

Saeed Alqahtani

List of Publications by Year in descending order

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63
papers

1,600
citations

394421

19
h-index

315739

38
g-index

64
all docs

64
docs citations

64
times ranked

2571
citing authors

#	ARTICLE	IF	CITATIONS
1	Therapeutic Drug Monitoring in the Treatment of Tuberculosis: An Update. <i>Drugs</i> , 2014, 74, 839-854.	10.9	356
2	<i>In silico</i> ADME-Tox modeling: progress and prospects. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2017, 13, 1147-1158.	3.3	144
3	<i>CYP2C19</i> Polymorphisms and Therapeutic Drug Monitoring of Voriconazole: Are We Ready for Clinical Implementation of Pharmacogenomics?. <i>Pharmacotherapy</i> , 2014, 34, 703-718.	2.6	104
4	Extra-virgin olive oil attenuates amyloid- β^2 and tau pathologies in the brains of TgSwDI mice. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1479-1490.	4.2	80
5	Cellular uptake, antioxidant and antiproliferative activity of entrapped α -tocopherol and β -tocotrienol in poly (lactic-co-glycolic) acid (PLGA) and chitosan covered PLGA nanoparticles (PLGA-Chi). <i>Journal of Colloid and Interface Science</i> , 2015, 445, 243-251.	9.4	63
6	Experimental models for predicting drug absorption and metabolism. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2013, 9, 1241-1254.	3.3	61
7	Multi-Therapeutic Potential of Naringenin (4,5,7-Trihydroxyflavone): Experimental Evidence and Mechanisms. <i>Plants</i> , 2020, 9, 1784.	3.5	52
8	Epidermal growth factor receptor (EGFR) inhibitor PD153035 reverses ABCG2-mediated multidrug resistance in non-small cell lung cancer: <i>In vitro</i> and <i>In vivo</i> . <i>Cancer Letters</i> , 2018, 424, 19-29.	7.2	42
9	Enhanced Solubility and Oral Bioavailability of β -Tocotrienol Using a Self-Emulsifying Drug Delivery System (SEDDS). <i>Lipids</i> , 2014, 49, 819-829.	1.7	39
10	Effect of PEG Surface Conformation on Anticancer Activity and Blood Circulation of Nanoemulsions Loaded with Tocotrienol-Rich Fraction of Palm Oil. <i>AAPS Journal</i> , 2013, 15, 1168-1179.	4.4	34
11	Nonlinear Absorption Kinetics of Self-Emulsifying Drug Delivery Systems (SEDDS) Containing Tocotrienols as Lipophilic Molecules: <i>In Vivo</i> and <i>In Vitro</i> Studies. <i>AAPS Journal</i> , 2013, 15, 684-695.	4.4	33
12	Population Pharmacokinetics of Linezolid in Tuberculosis Patients: Dosing Regimen Simulation and Target Attainment Analysis. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	31
13	Limited Sampling Strategy and Target Attainment Analysis for Levofloxacin in Patients with Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 3800-3807.	3.2	29
14	Population Pharmacokinetics of Pyrazinamide in Patients with Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	29
15	The small molecule tyrosine kinase inhibitor NVP-BHG712 antagonizes ABCC10-mediated paclitaxel resistance: a preclinical and pharmacokinetic study. <i>Oncotarget</i> , 2015, 6, 510-521.	1.8	28
16	Development of Physiologically Based Pharmacokinetic/Pharmacodynamic Model for Indomethacin Disposition in Pregnancy. <i>PLoS ONE</i> , 2015, 10, e0139762.	2.5	27
17	PEGylated β -tocotrienol isomer of vitamin E: Synthesis, characterization, <i>in vitro</i> cytotoxicity, and oral bioavailability. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 96, 185-195.	4.3	25
18	Cycloserine Population Pharmacokinetics and Pharmacodynamics in Patients with Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	24

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19	Transporters as Drug Targets in Neurological Diseases. <i>Clinical Pharmacology and Therapeutics</i> , 2016, 100, 441-453.	4.7	23
20	Inhibition of cytochrome P450 enzymes by thymoquinone in human liver microsomes. <i>Saudi Pharmaceutical Journal</i> , 2018, 26, 673-677.	2.7	23
21	Early Bactericidal Activity of Delpazolid (LCB01-0371) in Patients with Pulmonary Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0168421.	3.2	21
22	Early Bactericidal Activity of AZD5847 in Patients with Pulmonary Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 6591-6599.	3.2	19
23	Optimizing Vancomycin Monitoring in Pediatric Patients. <i>Pediatric Infectious Disease Journal</i> , 2018, 37, 880-885.	2.0	19
24	Myricetin (3,3,4,5,7-Hexahydroxyflavone) Prevents 5-Fluorouracil-Induced Cardiotoxicity. <i>ACS Omega</i> , 2022, 7, 4514-4524.	3.5	18
25	Orlistat limits cholesterol intestinal absorption by Niemann-pick C1-like 1 (NPC1L1) inhibition. <i>European Journal of Pharmacology</i> , 2015, 762, 263-269.	3.5	17
26	ATP-binding cassette subfamily B member 1 (ABCB1) and subfamily C member 10 (ABCC10) are not primary resistance factors for cabazitaxel. <i>Chinese Journal of Cancer</i> , 2015, 34, 115-20.	4.9	17
27	Vitamin E Transporters in Cancer Therapy. <i>AAPS Journal</i> , 2015, 17, 313-322.	4.4	15
28	Fluoroquinolones in Drug-Resistant Tuberculosis: Culture Conversion and Pharmacokinetic/Pharmacodynamic Target Attainment To Guide Dose Selection. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	15
29	An update on the potential role of intestinal first-pass metabolism for the prediction of drug-drug interactions: the role of PBPK modeling. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2018, 14, 625-634.	3.3	13
30	AUC- vs. Trough-Guided Monitoring of Vancomycin in Infants. <i>Indian Journal of Pediatrics</i> , 2020, 87, 359-364.	0.8	13
31	Development of a Physiologically Based Pharmacokinetic/Pharmacodynamic Model to Predict the Impact of Genetic Polymorphisms on the Pharmacokinetics and Pharmacodynamics Represented by Receptor/Transporter Occupancy of Central Nervous System Drugs. <i>Clinical Pharmacokinetics</i> , 2016, 55, 957-969.	3.5	11
32	Population Pharmacokinetic Model for Vancomycin Used in Open Heart Surgery: Model-Based Evaluation of Standard Dosing Regimens. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	11
33	Optimizing Amikacin Dosage in Pediatrics Based on Population Pharmacokinetic/Pharmacodynamic Modeling. <i>Paediatric Drugs</i> , 2018, 20, 265-272.	3.1	11
34	Thiazole-valine peptidomimetic (TTT-28) antagonizes multidrug resistance in vitro and in vivo by selectively inhibiting the efflux activity of ABCB1. <i>Scientific Reports</i> , 2017, 7, 42106.	3.3	10
35	Optimization of Vancomycin Dosing Regimen in Cancer Patients using Pharmacokinetic/Pharmacodynamic Modeling. <i>Pharmacotherapy</i> , 2020, 40, 1192-1200.	2.6	10
36	Sinapic acid mitigates methotrexate-induced hepatic injuries in rats through modulation of Nrf2/HO-1 signaling. <i>Environmental Toxicology</i> , 2021, 36, 1261-1268.	4.0	10

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37	Optimizing Gentamicin Dosing in Pediatrics Using Monte Carlo Simulations. <i>Pediatric Infectious Disease Journal</i> , 2019, 38, 390-395.	2.0	9
38	Clinical pharmacology applications in clinical drug development and clinical care: A focus on Saudi Arabia. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 1217-1227.	2.7	9
39	The Potential Role of Citrus limon Powder as a Natural Feed Supplement to Boost the Productive Performance, Antioxidant Status, and Blood Biochemistry of Growing Rabbits. <i>Animals</i> , 2019, 9, 426.	2.3	8
40	Determining therapeutic trough ranges for linezolid. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 1061-1063.	2.7	8
41	Estimation of apparent clearance of valproic acid in adult Saudi patients. <i>International Journal of Clinical Pharmacy</i> , 2019, 41, 1056-1061.	2.1	8
42	Drug utilization and expenditure of anticancer drugs for breast cancer. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 669-674.	2.7	8
43	Gender effect on the pharmacokinetics of thymoquinone: Preclinical investigation and in silico modeling in male and female rats. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 403-408.	2.7	8
44	Estimation of Phenytoin Pharmacokinetic Parameters in Saudi Epileptic Patients. <i>Pharmacology</i> , 2019, 104, 60-66.	2.2	7
45	Estimation of lithium clearance in patients with bipolar disorder. <i>International Clinical Psychopharmacology</i> , 2020, 35, 157-162.	1.7	7
46	Effect of compromised liver function and acute kidney injury on the pharmacokinetics of thymoquinone in a rat model. <i>Xenobiotica</i> , 2020, 50, 858-862.	1.1	7
47	Ethionamide Population Pharmacokinetic Model and Target Attainment in Multidrug-Resistant Tuberculosis. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	6
48	Population Pharmacokinetic Model-Based Evaluation of Standard Dosing Regimens for Cefuroxime Used in Coronary Artery Bypass Graft Surgery with Cardiopulmonary Bypass. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	5
49	Untargeted GC-MS investigation of serum metabolomics of coronary artery disease patients. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3727-3734.	3.8	4
50	Pharmacokinetics of meropenem in critically ill patients in Saudi Arabia. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 1272-1277.	2.7	4
51	Can First-Dose Therapeutic Drug Monitoring Predict the Steady State Area Under the Blood Concentration-Time Curve of Busulfan in Pediatric Patients Undergoing Hematopoietic Stem Cell Transplantation?. <i>Frontiers in Pediatrics</i> , 2022, 10, 834773.	1.9	4
52	Development of a physiologically based pharmacokinetic/pharmacodynamic model to identify mechanisms contributing to entacapone low bioavailability. <i>Biopharmaceutics and Drug Disposition</i> , 2015, 36, 587-602.	1.9	3
53	Pharmacokinetics and pharmacodynamics of isoniazid in patients with intermediate resistance. <i>International Journal of Tuberculosis and Lung Disease</i> , 2017, 21, 121-123.	1.2	3
54	Population pharmacokinetics of busulfan in Saudi pediatric patients undergoing hematopoietic stem cell transplantation. <i>International Journal of Clinical Pharmacy</i> , 2020, 42, 703-712.	2.1	3

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55	Estimation of Tacrolimus Clearance in Saudi Adult Kidney Transplant Recipients. Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia, 2021, 32, 101.	0.3	2
56	Appropriate therapeutic drug monitoring of antibiotics contributed to lower nephrotoxicity. International Journal of Clinical Pharmacology and Therapeutics, 2020, 58, 82-88.	0.6	2
57	Assessment of Micafungin Dosage Regimens in Patients with Cancer Using Pharmacokinetic/Pharmacodynamic Modeling and Monte Carlo Simulation. Antibiotics, 2021, 10, 1363.	3.7	2
58	Exploring the value of a Doctor of Philosophy program in Pharmaceutical Outcomes and Policy Research in Saudi Arabia. Saudi Pharmaceutical Journal, 2020, 28, 107-115.	2.7	1
59	Comment on: The case for "conservative pharmacotherapy". Journal of Antimicrobial Chemotherapy, 2021, 76, 1951-1952.	3.0	1
60	Pharmacokinetics of Anti-tuberculous Drugs Delivered Via Nasogastric Tube Feeding in a Critically Ill Patient: A Case Study. Clinical Drug Investigation, 2020, 40, 675-678.	2.2	1
61	Clopidogrel-herb Interactions: A Pharmacokinetic and Pharmacodynamic Assessment in a Rat Model. Current Drug Metabolism, 2021, 22, 969-977.	1.2	1
62	PEGylation Enhances the Oral Bioavailability of α -Tocotrienol Isomer of Vitamin E. , 2016, , .		0
63	The Safety and Efficacy of Low-Molecular-Weight Heparin in Pregnant Women With Rheumatic Heart Disease and Valves Replacement. Cureus, 2022, 14, e23052.	0.5	0