Hazem E Hassan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11744409/publications.pdf

Version: 2024-02-01

42 papers	1,061 citations	361413 20 h-index	414414 32 g-index
42 all docs	42 docs citations	42 times ranked	1464 citing authors

#	Article	IF	Citations
1	Evaluation of in vitro/in vivo correlations for three fentanyl transdermal delivery systems using in vitro skin permeation testing and human pharmacokinetic studies under the influence of transient heat application. Journal of Controlled Release, 2022, 342, 134-147.	9.9	9
2	Evaluation of Publicly Available Information on Sex-Related Differences in the Efficacy and Safety of Newly Approved Medications. Journal of General Internal Medicine, 2022, , 1.	2.6	0
3	Investigator Impact on Reproducibility of Drug Bioavailability in Stratum Corneum Sampling by Tape Stripping. Pharmaceutical Research, 2022, 39, 703.	3.5	0
4	Dosage Regimens for Meropenem in Children with Pseudomonas Infections Do Not Meet Serum Concentration Targets. Clinical and Translational Science, 2020, 13, 301-308.	3.1	9
5	Effect of Controlled Heat Application on Topical Diclofenac Formulations Evaluated by In Vitro Permeation Tests (IVPT) Using Porcine and Human Skin. Pharmaceutical Research, 2020, 37, 49.	3.5	6
6	Randomised trial of azithromycin to eradicate Ureaplasma in preterm infants. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2020, 105, 615-622.	2.8	45
7	Validated UHPLCâ€“MS/MS method for quantification of doxycycline in abdominal aortic aneurysm patients. Bioanalysis, 2018, 10, 527-539.	1.5	0
8	Antibodyâ€“Drug Conjugates: Pharmacokinetic/Pharmacodynamic Modeling, Preclinical Characterization, Clinical Studies, and Lessons Learned. Clinical Pharmacokinetics, 2018, 57, 687-703.	3.5	63
9	In vitro â€“ in vivo correlations for nicotine transdermal delivery systems evaluated by both in vitro skin permeation (IVPT) and in vivo serum pharmacokinetics under the influence of transient heat application. Journal of Controlled Release, 2018, 270, 76-88.	9.9	32
10	The Sensitivity of In Vitro Permeation Tests to Chemical Penetration Enhancer Concentration Changes in Fentanyl Transdermal Delivery Systems. AAPS PharmSciTech, 2018, 19, 2778-2786.	3.3	10
11	Genomics and Drug Transporters and Application in Drug Discovery, Delivery, and Development. , 2018, , 133-175.		0
12	Precise simultaneous quantification of methadone and cocaine in rat serum and brain tissue samples following their successive i.p. administration. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1048, 19-29.	2.3	5
13	On the Road to Development of an in Vitro Permeation Test (IVPT) Model to Compare Heat Effects on Transdermal Delivery Systems: Exploratory Studies with Nicotine and Fentanyl. Pharmaceutical Research, 2017, 34, 1817-1830.	3.5	22
14	LCâ€“MS determination of fentanyl in human serum and application to a fentanyl transdermal delivery pharmacokinetic study. Bioanalysis, 2017, 9, 1551-1560.	1.5	6
15	Pharmacokinetics and Safety Assessment of<scp>l</scp>-Tetrahydropalmatine in Cocaine Users: A Randomized, Double-Blind, Placebo-Controlled Study. Journal of Clinical Pharmacology, 2017, 57, 151-160.	2.0	23
16	Development and validation of a high performance liquid chromatography quantification method of levoâ€tetrahydropalmatine and its metabolites in plasma and brain tissues: application to a pharmacokinetic study. Biomedical Chromatography, 2017, 31, e3850.	1.7	15
17	A fully validated LCâ€“MS/MS method for simultaneous determination of nicotine and its metabolite cotinine in human serum and its application to a pharmacokinetic study after using nicotine transdermal delivery systems with standard heat application in adult smokers. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1020, 67-77.	2.3	32
18	The combination of dimethoxycurcumin with DNA methylation inhibitor enhances gene re-expression of promoter-methylated genes and antagonizes their cytotoxic effect. Epigenetics, 2016, 11, 740-749.	2.7	10

#	Article	IF	Citations
19	15â€Methyleneâ€Eburnamonine Kills Leukemic Stem Cells and Reduces Engraftment in a Humanized Bone Marrow Xenograft Mouse Model of Leukemia. ChemMedChem, 2016, 11, 2392-2397.	3.2	3
20	Insights into CYP2B6-mediated drugâ€“drug interactions. Acta Pharmaceutica Sinica B, 2016, 6, 413-425.	12.0	99
21	Norelgestromin/ethinyl estradiol intravenous infusion formulation optimization, stability and compatibility testing: A case study to overcome polysorbate 80 interference in chromatographic analysis. Journal of Pharmaceutical and Biomedical Analysis, 2016, 125, 145-153.	2.8	5
22	Activation of the Constitutive Androstane Receptor Increases the Therapeutic Index of CHOP in Lymphoma Treatment. Molecular Cancer Therapeutics, 2016, 15, 392-401.	4.1	17
23	In vitro characterization of transport and metabolism of the alkaloids: vincamine, vinpocetine and eburnamonine. Cancer Chemotherapy and Pharmacology, 2016, 77, 259-267.	2.3	24
24	Transporter-Mediated Disposition of Opioids: Implications for Clinical Drug Interactions. Pharmaceutical Research, 2015, 32, 2477-502.	3.5	14
25	Curcumin and Dimethoxycurcumin Induced Epigenetic Changes in Leukemia Cells. Pharmaceutical Research, 2015, 32, 863-875.	3.5	40
26	Pharmacokinetics, Microbial Response, and Pulmonary Outcomes of Multidose Intravenous Azithromycin in Preterm Infants at Risk for Ureaplasma Respiratory Colonization. Antimicrobial Agents and Chemotherapy, 2015, 59, 570-578.	3.2	31
27	Novel LRRK2 GTP-binding inhibitors reduced degeneration in Parkinson's disease cell and mouse models. Human Molecular Genetics, 2014, 23, 6212-6222.	2.9	66
28	Simultaneous determination of l-tetrahydropalmatine and cocaine in human plasma by simple UPLCâ€“FLD method: Application in clinical studies. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 965, 39-44.	2.3	16
29	Opioids and efflux transporters. Part 4: Influence of N-substitution on P-glycoprotein substrate activity of noroxymorphone analogues. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 3592-3595.	2.2	10
30	Induction of Xenobiotic Receptors, Transporters, and Drug Metabolizing Enzymes by Oxycodone. Drug Metabolism and Disposition, 2013, 41, 1060-1069.	3.3	7
31	Azithromycin To Prevent Bronchopulmonary Dysplasia in Ureaplasma-Infected Preterm Infants: Pharmacokinetics, Safety, Microbial Response, and Clinical Outcomes with a 20-Milligram-per-Kilogram Single Intravenous Dose. Antimicrobial Agents and Chemotherapy, 2013, 57, 2127-2133.	3.2	38
32	Pharmacokinetics, Safety, and Biologic Effects of Azithromycin in Extremely Preterm Infants at Risk for Ureaplasma Colonization and Bronchopulmonary Dysplasia. Journal of Clinical Pharmacology, 2011, 51, 1264-1275.	2.0	43
33	Repeated administration of oxycodone modifies the gene expression of several drug metabolising enzymes in the hepatic tissue of male Sprague-Dawley rats, including glutathione S-transferase A-5 (rGSTA5) and CYP3A2â€. Journal of Pharmacy and Pharmacology, 2010, 62, 189-196.	2.4	6
34	Differential Activation of Pregnane X Receptor and Constitutive Androstane Receptor by Buprenorphine in Primary Human Hepatocytes and HepG2 Cells. Journal of Pharmacology and Experimental Therapeutics, 2010, 335, 562-571.	2.5	15
35	Characterization of the Transport, Metabolism, and Pharmacokinetics of the Dopamine D3 Receptor-Selective Fluorenyl- and 2-Pyridylphenyl Amides Developed for Treatment of Psychostimulant Abuse. Journal of Pharmacology and Experimental Therapeutics, 2010, 333, 854-864.	2.5	21
36	Regulation of Gene Expression in Brain Tissues of Rats Repeatedly Treated by the Highly Abused Opioid Agonist, Oxycodone: Microarray Profiling and Gene Mapping Analysis. Drug Metabolism and Disposition, 2010, 38, 157-167.	3.3	30

#	Article	IF	Citations
37	Differential Involvement of P-Glycoprotein (ABCB1) in Permeability, Tissue Distribution, and Antinociceptive Activity of Methadone, Buprenorphine, and Diprenorphine: In Vitro and In Vivo Evaluation. Journal of Pharmaceutical Sciences, 2009, 98, 4928-4940.	3.3	75
38	Evaluation of the P-glycoprotein (Abcb1) affinity status of a series of morphine analogs: Comparative study with meperidine analogs to identify opioids with minimal P-glycoprotein interactions. International Journal of Pharmaceutics, 2009, 375, 48-54.	5.2	24
39	Evaluation of the transport, in vitro metabolism and pharmacokinetics of Salvinorin A, a potent hallucinogen. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 72, 471-477.	4.3	50
40	Opioids and Efflux Transporters. Part 2: P-Glycoprotein Substrate Activity of 3- and 6-Substituted Morphine Analogs. Journal of Medicinal Chemistry, 2008, 51, 2316-2320.	6.4	31
41	Oxycodone induces overexpression of Pâ€glycoprotein (ABCB1) and affects paclitaxel's tissue distribution in Sprague Dawley rats. Journal of Pharmaceutical Sciences, 2007, 96, 2494-2506.	3.3	92
42	Opioids and efflux transporters. Part 1: P-Glycoprotein substrate activity of N-substituted analogs of meperidine. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 1160-1162.	2.2	17