

# Danny D Shen

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

3,137  
citations

257101

24  
h-index

214527

47  
g-index

48  
all docs

48  
docs citations

48  
times ranked

3302  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oral first-pass elimination of midazolam involves both gastrointestinal and hepatic CYP3A-mediated metabolism*. <i>Clinical Pharmacology and Therapeutics</i> , 1996, 59, 491-502.	2.3	547
2	First-pass metabolism of midazolam by the human intestine*. <i>Clinical Pharmacology and Therapeutics</i> , 1996, 60, 14-24.	2.3	409
3	Pharmacokinetics and pharmacodynamics of oral oxycodone in healthy human subjects: Role of circulating active metabolites. <i>Clinical Pharmacology and Therapeutics</i> , 2006, 79, 461-479.	2.3	359
4	Principles and applicability of CSF sampling for the assessment of CNS drug delivery and pharmacodynamics. <i>Advanced Drug Delivery Reviews</i> , 2004, 56, 1825-1857.	6.6	255
5	Development of a microphysiological model of human kidney proximal tubule function. <i>Kidney International</i> , 2016, 90, 627-637.	2.6	198
6	Effects of chronic kidney disease and uremia on hepatic drug metabolism and transport. <i>Kidney International</i> , 2014, 85, 522-528.	2.6	157
7	In-vivo phenotyping for CYP3A by a single-point determination of midazolam plasma concentration. <i>Pharmacogenetics and Genomics</i> , 2001, 11, 781-791.	5.7	122
8	The erythromycin breath test predicts the clearance of midazolam*. <i>Clinical Pharmacology and Therapeutics</i> , 1995, 57, 16-24.	2.3	121
9	Epidural, Cerebrospinal Fluid, and Plasma Pharmacokinetics of Epidural Opioids (Part 1). <i>Anesthesiology</i> , 2003, 99, 455-465.	1.3	106
10	Intravenous morphine in postoperative infants: intermittent bolus dosing versus targeted continuous infusions. <i>Pain</i> , 2000, 88, 89-95.	2.0	80
11	Comparative Cognitive and Subjective Side Effects of Immediate-Release Oxycodone in Healthy Middle-Aged and Older Adults. <i>Journal of Pain</i> , 2009, 10, 1038-1050.	0.7	53
12	Pharmacokinetics of metoprolol during pregnancy and lactation. <i>Journal of Clinical Pharmacology</i> , 2016, 56, 581-589.	1.0	52
13	Effect of Coenzyme Q10 on Biomarkers of Oxidative Stress and Cardiac Function in Hemodialysis Patients: The CoQ10 Biomarker Trial. <i>American Journal of Kidney Diseases</i> , 2017, 69, 389-399.	2.1	48
14	Association of FMO3 Variants and Trimethylamine N-Oxide Concentration, Disease Progression, and Mortality in CKD Patients. <i>PLoS ONE</i> , 2016, 11, e0161074.	1.1	48
15	Pulmonary Administration of a Water-Soluble Curcumin Complex Reduces Severity of Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012, 47, 280-287.	1.4	42
16	Is ethnicity associated with morphine's side effects in children? Morphine pharmacokinetics, analgesic response, and side effects in children having tonsillectomy. <i>Paediatric Anaesthesia</i> , 2012, 22, 669-675.	0.6	42
17	Long-acting combination anti-HIV drug suspension enhances and sustains higher drug levels in lymph node cells than in blood cells and plasma. <i>Aids</i> , 2017, 31, 765-770.	1.0	42
18	Mechanism-based pharmacokinetic (MBPK) models describe the complex plasma kinetics of three antiretrovirals delivered by a long-acting anti-HIV drug combination nanoparticle formulation. <i>Journal of Controlled Release</i> , 2018, 275, 229-241.	4.8	38

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19	Innovations in preclinical biology: ex vivo engineering of a human kidney tissue microperfusion system. <i>Stem Cell Research and Therapy</i> , 2013, 4, S17.	2.4	30
20	Prednisone Pharmacokinetics During Pregnancy and Lactation. <i>Journal of Clinical Pharmacology</i> , 2018, 58, 1223-1232.	1.0	29
21	Identification of CYP3A7 for glyburide metabolism in human fetal livers. <i>Biochemical Pharmacology</i> , 2014, 92, 690-700.	2.0	28
22	P-gp/ABCB1 exerts differential impacts on brain and fetal exposure to norbuprenorphine. <i>Pharmacological Research</i> , 2017, 119, 61-71.	3.1	27
23	Accumulation and Washout Kinetics of Valproic Acid and Its Active Metabolites. <i>Journal of Clinical Pharmacology</i> , 1986, 26, 668-676.	1.0	26
24	Persistent inhibition of CYP3A4 by ketoconazole in modified Caco-2 cells. <i>Pharmaceutical Research</i> , 2000, 17, 299-305.	1.7	25
25	Nonlinear binding of valproic acid (VPA) and E-delta 2-valproic acid to rat plasma proteins. <i>Pharmaceutical Research</i> , 1990, 07, 461-467.	1.7	22
26	Identification of Intestinal UDP-Glucuronosyltransferase Inhibitors in Green Tea ( <i>Camellia</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 In Vivo Extrapolation. <i>Drug Metabolism and Disposition</i> , 2018, 46, 552-560.	1.7	22
27	Recommended Approaches for Pharmacokinetic Natural Product-Drug Interaction Research: a NaPDI Center Commentary. <i>Drug Metabolism and Disposition</i> , 2018, 46, 1041-1045.	1.7	20
28	An Improved Vascularized, Dual-Channel Microphysiological System Facilitates Modeling of Proximal Tubular Solute Secretion. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 496-508.	2.5	19
29	Effect of Metoprolol and Verapamil Administered Separately and Concurrently after Single Doses on Liver Blood Flow and Drug Disposition. <i>Journal of Clinical Pharmacology</i> , 2000, 40, 533-543.	1.0	17
30	Distribution of Unsaturated Metabolites of Valproate in Human and Rat Brain-Pharmacologic Relevance?. <i>Epilepsia</i> , 1995, 36, 772-782.	2.6	15
31	Rapid and sensitive analysis of reduced and oxidized coenzyme Q10 in human plasma by ultra performance liquid chromatography-tandem mass spectrometry and application to studies in healthy human subjects. <i>Annals of Clinical Biochemistry</i> , 2016, 53, 265-273.	0.8	14
32	Dexmedetomidine Pharmacokinetics in Neonates with Hypoxic-Ischemic Encephalopathy Receiving Hypothermia. <i>Anesthesiology Research and Practice</i> , 2020, 2020, 1-15.	0.2	14
33	A pharmacokinetic approach to resolving spinal and systemic contributions to epidural alfentanil analgesia and side-effects. <i>Pain</i> , 1995, 62, 329-337.	2.0	13
34	Maternal-Fetal Disposition of Glyburide in Pregnant Mice Is Dependent on Gestational Age. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 350, 425-434.	1.3	13
35	Disposition of Methamphetamine and Major Metabolites in Mice: Role of Organic Cation Transporter 3 in Tissue-Selective Accumulation of <i>Para</i> -Hydroxymethamphetamine. <i>Drug Metabolism and Disposition</i> , 2018, 46, 1277-1284.	1.7	12
36	Aspirin use and knowledge in the community: a population- and health facility based survey for measuring local health system performance. <i>BMC Cardiovascular Disorders</i> , 2014, 14, 16.	0.7	10

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37	Relationship of Phosphatidylethanol Biomarker to Self-Reported Alcohol Drinking Patterns in Older and Middle-Age Adults. <i>Alcoholism: Clinical and Experimental Research</i> , 2020, 44, 2449-2456.	1.4	10
38	Predicting Maternal-Fetal Disposition of Fentanyl Following Intravenous and Epidural Administration Using Physiologically Based Pharmacokinetic Modeling. <i>Drug Metabolism and Disposition</i> , 2021, 49, 1003-1015.	1.7	10
39	Pregnancy Increases Norbuprenorphine Clearance in Mice by Induction of Hepatic Glucuronidation. <i>Drug Metabolism and Disposition</i> , 2018, 46, 100-108.	1.7	9
40	Physiologically Based Pharmacokinetic Modeling of 3 HIV Drugs in Combination and the Role of Lymphatic System after Subcutaneous Dosing. Part 2: Model for the Drug-combination Nanoparticles. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 825-837.	1.6	7
41	Pharmacogenomic trial design: use of a PK/PD model to explore warfarin dosing interventions through clinical trial simulation. <i>Pharmacogenetics and Genomics</i> , 2009, 19, 965-971.	0.7	6
42	Novel Long-Acting Drug Combination Nanoparticles Composed of Gemcitabine and Paclitaxel Enhance Localization of Both Drugs in Metastatic Breast Cancer Nodules. <i>Pharmaceutical Research</i> , 2020, 37, 197.	1.7	6
43	Physiologically Based Pharmacokinetic Modeling of 3 HIV Drugs in Combination and the Role of Lymphatic System after Subcutaneous Dosing. Part 1: Model for the Free-Drug Mixture. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 529-541.	1.6	5
44	Pharmacodynamics of Metformin in Pregnant Women With Gestational Diabetes Mellitus and Nonpregnant Women With Type 2 Diabetes Mellitus. <i>Journal of Clinical Pharmacology</i> , 2020, 60, 540-549.	1.0	4
45	Elevated customary alcohol consumption attenuates opioid effects. <i>Pharmacology Biochemistry and Behavior</i> , 2021, 211, 173295.	1.3	2
46	P-gp/ABCB1 exerts differential impacts on brain and fetal exposure to norbuprenorphine—Response to Letter to the Editor™. <i>Pharmacological Research</i> , 2017, 121, 253.	3.1	1
47	Drug Disposition and Drug-Drug Interactions: Importance of First-Pass Metabolism in Gut and Liver. , 2010, , 415-435.		1
48	Model-Based Analysis of the Influence of Alcohol Use and Age on Pharmacokinetics-Pharmacodynamics of Oral Oxycodone in Middle-Age and Older Community Dwelling Adults. <i>Journal of Clinical Pharmacology</i> , 2022, , .	1.0	1