

# Michiel Joost van Esdonk

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

310  
citations

1162367

8  
h-index

887659

17  
g-index

26  
all docs

26  
docs citations

26  
times ranked

551  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of pharmacometabolomics with pharmacokinetics and pharmacodynamics: towards personalized drug therapy. <i>Metabolomics</i> , 2017, 13, 9.	1.4	64
2	A zwitterionic near-infrared fluorophore for real-time ureter identification during laparoscopic abdominopelvic surgery. <i>Nature Communications</i> , 2019, 10, 3118.	5.8	57
3	First-in-Human Assessment of cRGD-ZW800-1, a Zwitterionic, Integrin-Targeted, Near-Infrared Fluorescent Peptide in Colon Carcinoma. <i>Clinical Cancer Research</i> , 2020, 26, 3990-3998.	3.2	48
4	Phase 1 clinical trial of losmapimod in facioscapulohumeral dystrophy: Safety, tolerability, pharmacokinetics, and target engagement. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 4658-4669.	1.1	20
5	How are growth hormone and insulin-like growth factor-1 reported as markers for drug effectiveness in clinical acromegaly research? A comprehensive methodologic review. <i>Pituitary</i> , 2018, 21, 310-322.	1.6	19
6	A Novel Somatostatin-Dopamine Chimera (BIM23B065) Reduced GH Secretion in a First-in-Human Clinical Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 883-891.	1.8	13
7	Pharmacokinetics of intravenous and inhaled salbutamol and tobramycin: An exploratory study to investigate the potential of exhaled breath condensate as a matrix for pharmacokinetic analysis. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 175-181.	1.1	13
8	Comprehensive evaluation of microneedle-based intradermal adalimumab delivery vs subcutaneous administration: results of a randomized controlled clinical trial. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 3162-3176.	1.1	11
9	Saliva as a sampling matrix for therapeutic drug monitoring of gentamicin in neonates: A prospective population pharmacokinetic and simulation study. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 1845-1855.	1.1	9
10	Biperiden Challenge Model in Healthy Elderly as Proof of Concept Pharmacology Tool: A Randomized, Placebo-Controlled Trial. <i>Journal of Clinical Pharmacology</i> , 2021, 61, 1466-1478.	1.0	7
11	Accelerating vaccine trial conduct in a pandemic with a hot spot-based inclusion strategy using trial and epidemic simulation. <i>Clinical and Translational Science</i> , 2021, 14, 2391-2398.	1.5	6
12	Theoretical Performance of Nonlinear Mixed-Effect Models Incorporating Saliva as an Alternative Sampling Matrix for Therapeutic Drug Monitoring in Pediatrics: A Simulation Study. <i>Therapeutic Drug Monitoring</i> , 2021, 43, 546-554.	1.0	6
13	Prediction of glycaemic control in young children and adolescents with type 1 diabetes mellitus using mixed-effects logistic regression modelling. <i>PLoS ONE</i> , 2017, 12, e0182181.	1.1	6
14	A two-step deconvolution-analysis-informed population pharmacodynamic modeling approach for drugs targeting pulsatile endogenous compounds. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2017, 44, 389-400.	0.8	5
15	Population pharmacokinetics of clonazepam in saliva and plasma: Steps towards noninvasive pharmacokinetic studies in vulnerable populations. <i>British Journal of Clinical Pharmacology</i> , 2022, 88, 2236-2245.	1.1	5
16	The Pharmacodynamic Effects of a Dopamine-Somatostatin Chimera Agonist on the Cardiovascular System. <i>Journal of Cardiovascular Pharmacology</i> , 2019, 74, 128-136.	0.8	4
17	Effect of hydroxychloroquine on the cardiac ventricular repolarization: A randomized clinical trial. <i>British Journal of Clinical Pharmacology</i> , 2021, .	1.1	4
18	Impact of enantiomer-specific changes in pharmacokinetics between infants and adults on the target concentration of racemic ketorolac: A pooled analysis. <i>British Journal of Clinical Pharmacology</i> , 2021, 87, 1443-1454.	1.1	3

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19	Population Pharmacokinetic/Pharmacodynamic Analysis of Nociceptive Pain Models Following an Oral Pregabalin Dose Administration to Healthy Subjects. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2018, 7, 573-580.	1.3	2
20	Quantification of the endogenous growth hormone and prolactin lowering effects of a somatostatin-dopamine chimera using population PK/PD modeling. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2020, 47, 229-239.	0.8	2
21	Model informed quantification of the feed-forward stimulation of growth hormone by growth hormone-releasing hormone. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 1575-1584.	1.1	2
22	A novel sustained-release cysteamine bitartrate formulation for the treatment of cystinosis: Pharmacokinetics and safety in healthy male volunteers. <i>Pharmacology Research and Perspectives</i> , 2021, 9, e00739.	1.1	2
23	An exploratory first-in-man study to investigate the pharmacokinetics and safety of liposomal dexamethasone at a 2- and 1-week interval in patients with metastatic castration resistant prostate cancer. <i>Pharmacology Research and Perspectives</i> , 2021, 9, e00845.	1.1	2
24	The Oral Pheneticillin Absorption Test: An Accurate Method to Identify Patients with Inadequate Oral Pheneticillin Absorption. <i>Antibiotics</i> , 2019, 8, 119.	1.5	0
25	Predictive performance of parent-metabolite population pharmacokinetic models of (S)-ketamine in healthy volunteers. <i>European Journal of Clinical Pharmacology</i> , 2021, 77, 1181-1192.	0.8	0
26	The power of modelling pulsatile profiles. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2021, 48, 439-444.	0.8	0