# Neil Parrott

List of Publications by Year
in descending order

| 35 papers | 2,308 citations | 257450 24 h-index | 361022 35 g-index |
|---|---|---|---|
| 38 all docs | 38 docs citations | 38 times ranked | 1919 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Evaluation of the Success of High-Throughput Physiologically Based Pharmacokinetic (HT-PBPK) Modeling Predictions to Inform Early Drug Discovery. Molecular Pharmaceutics, 2022, 19, 2203-2216. | 4.6 | 17 |
| 2 | Understanding Mechanisms of Food Effect and Developing Reliable PBPK Models Using a Middle-out Approach. AAPS Journal, 2021, 23, 12. | 4.4 | 23 |
| 3 | Current challenges and future perspectives in oral absorption research: An opinion of the UNGAP network. Advanced Drug Delivery Reviews, 2021, 171, 289-331. | 13.7 | 84 |
| 4 | PBPK Modeling as a Tool for Predicting and Understanding Intestinal Metabolism of Uridine 5′-Diphospho-glucuronosyltransferase Substrates. Pharmaceutics, 2021, 13, 1325. | 4.5 | 9 |
| 5 | Use of Physiologically Based Pharmacokinetic (PBPK) Modeling for Predicting Drug-Food Interactions: an Industry Perspective. AAPS Journal, 2020, 22, 123. | 4.4 | 53 |
| 6 | Construction and Verification of Physiologically Based Pharmacokinetic Models for Four Drugs Majorly Cleared by Glucuronidation: Lorazepam, Oxazepam, Naloxone, and Zidovudine. AAPS Journal, 2020, 22, 128. | 4.4 | 16 |
| 7 | Physiologically Based Absorption Modelling to Explore the Impact of Food and Gastric pH Changes on the Pharmacokinetics of Entrectinib. AAPS Journal, 2020, 22, 78. | 4.4 | 35 |
| 8 | The mechanisms of pharmacokinetic food-drug interactions – A perspective from the UNGAP group. European Journal of Pharmaceutical Sciences, 2019, 134, 31-59. | 4.0 | 224 |
| 9 | Impact of regional differences along the gastrointestinal tract of healthy adults on oral drug absorption: An UNGAP review. European Journal of Pharmaceutical Sciences, 2019, 134, 153-175. | 4.0 | 146 |
| 10 | Physiologically Based Pharmacokinetic Modelling for First-In-Human Predictions: An Updated Model Building Strategy Illustrated with Challenging Industry Case Studies. Clinical Pharmacokinetics, 2019, 58, 727-746. | 3.5 | 93 |
| 11 | Investigating Oral Absorption of Carbamazepine in Pediatric Populations. AAPS Journal, 2017, 19, 1864-1877. | 4.4 | 19 |
| 12 | The great barrier belief: The blood–brain barrier and considerations for juvenile toxicity studies. Reproductive Toxicology, 2017, 72, 129-135. | 2.9 | 28 |
| 13 | Characterization of Pharmacokinetics in the Göttingen Minipig with Reference Human Drugs: An In Vitro and In Vivo Approach. Pharmaceutical Research, 2016, 33, 2565-2579. | 3.5 | 14 |
| 14 | Investigating the effect of autoinduction in cynomolgus monkeys of a novel anticancer MDM2 antagonist, idasanutlin, and relevance to humans. Xenobiotica, 2016, 46, 667-676. | 1.1 | 5 |
| 15 | The role of quantitative ADME proteomics to support construction of physiologically based pharmacokinetic models for use in small molecule drug development. Proteomics - Clinical Applications, 2015, 9, 732-744. | 1.6 | 27 |
| 16 | Quantitative ADME Proteomics – CYP and UGT Enzymes in the Beagle Dog Liver and Intestine. Pharmaceutical Research, 2015, 32, 74-90. | 3.5 | 47 |
| 17 | Physiologically based pharmacokinetic modeling of CYP3A4 induction by rifampicin in human: Influence of time between substrate and inducer administration. European Journal of Pharmaceutical Sciences, 2014, 56, 1-15. | 4.0 | 65 |
| 18 | Applications of a 7-day Caco-2 cell model in drug discovery and development. European Journal of Pharmaceutical Sciences, 2014, 56, 120-130. | 4.0 | 38 |

| # | ARTICLE | IF | CITATIONS |
|---|---------|-----|-----------|
| 19 | Physiologically Based Absorption Modelling to Predict the Impact of Drug Properties on Pharmacokinetics of Bitopertin. AAPS Journal, 2014, 16, 1077-1084. | 4.4 | 29 |
| 20 | Pharmacokinetics of Paracetamol in GÃ¶ttingen Minipigs: In Vivo Studies and Modeling to Elucidate Physiological Determinants of Absorption. Pharmaceutical Research, 2014, 31, 2696-2707. | 3.5 | 28 |
| 21 | A Physiologically Based Pharmacokinetic Model of the Minipig: Data Compilation and Model Implementation. Pharmaceutical Research, 2013, 30, 1-15. | 3.5 | 75 |
| 22 | In Vitro to in Vivo Extrapolation and Physiologically Based Modeling of Cytochrome P450 Mediated Metabolism in Beagle Dog Gut Wall and Liver. Molecular Pharmaceutics, 2013, 10, 1388-1399. | 4.6 | 19 |
| 23 | Physiologically Based Pharmacokinetic Modelling to Predict Single- and Multiple-Dose Human Pharmacokinetics of Bitopertin. Clinical Pharmacokinetics, 2013, 52, 673-683. | 3.5 | 14 |
| 24 | Application of PBPK modeling to predict human intestinal metabolism of CYP3A substrates â€" An evaluation and case study using GastroPlusâ„¢. European Journal of Pharmaceutical Sciences, 2012, 47, 375-386. | 4.0 | 63 |
| 25 | Use of physiologically based pharmacokinetic modeling for assessment of drugâ€"drug interactions. Future Medicinal Chemistry, 2012, 4, 681-693. | 2.3 | 10 |
| 26 | Mass Spectrometry-Based Quantification of CYP Enzymes to Establish In Vitro/In Vivo Scaling Factors for Intestinal and Hepatic Metabolism in Beagle Dog. Pharmaceutical Research, 2012, 29, 1832-1842. | 3.5 | 29 |
| 27 | Development of a Physiologically Based Model for Oseltamivir and Simulation of Pharmacokinetics in Neonates and Infants. Clinical Pharmacokinetics, 2011, 50, 613-623. | 3.5 | 100 |
| 28 | Applications of Physiologically Based Absorption Models in Drug Discovery and Development. Molecular Pharmaceutics, 2008, 5, 760-775. | 4.6 | 107 |
| 29 | A Novel Strategy for Physiologically Based Predictions of Human Pharmacokinetics. Clinical Pharmacokinetics, 2006, 45, 511-542. | 3.5 | 301 |
| 30 | Predicting Pharmacokinetic Food Effects Using Biorelevant Solubility Media and Physiologically Based Modelling. Clinical Pharmacokinetics, 2006, 45, 1213-1226. | 3.5 | 131 |
| 31 | A strategy for preclinical formulation development using GastroPlusâ„¢ as pharmacokinetic simulation tool and a statistical screening design applied to a dog study. European Journal of Pharmaceutical Sciences, 2006, 27, 91-99. | 4.0 | 105 |
| 32 | Application of Full Physiological Models for Pharmaceutical Drug Candidate Selection and Extrapolation of Pharmacokinetics to Man. Basic and Clinical Pharmacology and Toxicology, 2005, 96, 193-199. | 2.5 | 91 |
| 33 | An Evaluation of the Utility of Physiologically Based Models of Pharmacokinetics in Early Drug Discovery. Journal of Pharmaceutical Sciences, 2005, 94, 2327-2343. | 3.3 | 100 |
| 34 | Interspecies Scaling. , 2004, , 133-175. | | 3 |
| 35 | Prediction of intestinal absorption: comparative assessment of gastroplusâ„¢ and ideaâ„¢. European Journal of Pharmaceutical Sciences, 2002, 17, 51-61. | 4.0 | 159 |