

Franco Lombardo

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

10,582
citations

516215

16
h-index

839053

18
g-index

18
all docs

18
docs citations

18
times ranked

12392
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and computational approaches to estimate solubility and permeability in drug discovery and development settings. <i>Advanced Drug Delivery Reviews</i> , 1997, 23, 3-25.	6.6	8,880
2	Trend Analysis of a Database of Intravenous Pharmacokinetic Parameters in Humans for 670 Drug Compounds. <i>Drug Metabolism and Disposition</i> , 2008, 36, 1385-1405.	1.7	345
3	ElogDoct: A Tool for Lipophilicity Determination in Drug Discovery. 2. Basic and Neutral Compounds. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 2490-2497.	2.9	302
4	Prediction of Volume of Distribution Values in Humans for Neutral and Basic Drugs Using Physicochemical Measurements and Plasma Protein Binding Data. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 2867-2876.	2.9	194
5	Prediction of Human Volume of Distribution Values for Neutral and Basic Drugs. 2. Extended Data Set and Leave-Class-Out Statistics. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 1242-1250.	2.9	161
6	<i>In Silico</i> Absorption, Distribution, Metabolism, Excretion, and Pharmacokinetics (ADME-PK): Utility and Best Practices. An Industry Perspective from the International Consortium for Innovation through Quality in Pharmaceutical Development. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9097-9113.	2.9	102
7	A Hybrid Mixture Discriminant Analysis~Random Forest Computational Model for the Prediction of Volume of Distribution of Drugs in Human. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 2262-2267.	2.9	101
8	Trend Analysis of a Database of Intravenous Pharmacokinetic Parameters in Humans for 1352 Drug Compounds. <i>Drug Metabolism and Disposition</i> , 2018, 46, 1466-1477.	1.7	91
9	Comprehensive Assessment of Human Pharmacokinetic Prediction Based on In Vivo Animal Pharmacokinetic Data, Part 2: Clearance. <i>Journal of Clinical Pharmacology</i> , 2013, 53, 178-191.	1.0	76
10	In Silico Prediction of Volume of Distribution in Human Using Linear and Nonlinear Models on a 669 Compound Data Set. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4488-4495.	2.9	69
11	Comprehensive Assessment of Human Pharmacokinetic Prediction Based on In Vivo Animal Pharmacokinetic Data, Part 1: Volume of Distribution at Steady State. <i>Journal of Clinical Pharmacology</i> , 2013, 53, 167-177.	1.0	60
12	Clearance Mechanism Assignment and Total Clearance Prediction in Human Based upon in Silico Models. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 4397-4405.	2.9	51
13	In silico Prediction of Total Human Plasma Clearance. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 2069-2078.	2.5	49
14	In Silico Prediction of Volume of Distribution in Humans. Extensive Data Set and the Exploration of Linear and Nonlinear Methods Coupled with Molecular Interaction Fields Descriptors. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 2042-2052.	2.5	36
15	Use of the Tozer Model in Understanding Mechanisms and Determinants of Drug Distribution. <i>Drug Metabolism and Disposition</i> , 2010, 38, 1159-1165.	1.7	26
16	In Silico Models of Human PK Parameters. Prediction of Volume of Distribution Using an Extensive Data Set and a Reduced Number of Parameters. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 500-509.	1.6	23
17	An Accurate In Vitro Prediction of Human VD_{ss} Based on the Tozer Equation and Primary Physicochemical Descriptors. 3. Analysis and Assessment of Predictivity on a Large Dataset. <i>Drug Metabolism and Disposition</i> , 2019, 47, 1380-1387.	1.7	13