

Sebastian Ueckert

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

306
citations

933447

10
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

368
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved numerical stability for the bounded integer model. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2021, 48, 241-251.	1.8	1
2	An Item Response Theory–Informed Strategy to Model Total Score Data from Composite Scales. <i>AAPS Journal</i> , 2021, 23, 45.	4.4	1
3	cLRT–Mod : An efficient methodology for pharmacometric model–based analysis of longitudinal phase II dose finding studies under model uncertainty. <i>Statistics in Medicine</i> , 2021, 40, 2435-2451.	1.6	3
4	Performance of longitudinal item response theory models in shortened or partial assessments. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2020, 47, 461-471.	1.8	6
5	Model-Based Conditional Weighted Residuals Analysis for Structural Model Assessment. <i>AAPS Journal</i> , 2019, 21, 34.	4.4	0
6	Modeling Composite Assessment Data Using Item Response Theory. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2018, 7, 205-218.	2.5	26
7	Comparison of Model Averaging and Model Selection in Dose Finding Trials Analyzed by Nonlinear Mixed Effect Models. <i>AAPS Journal</i> , 2018, 20, 56.	4.4	24
8	Item Response Theory as an Efficient Tool to Describe a Heterogeneous Clinical Rating Scale in De Novo Idiopathic Parkinson’s Disease Patients. <i>Pharmaceutical Research</i> , 2017, 34, 2109-2118.	3.5	29
9	Application of Item Response Theory to Modeling of Expanded Disability Status Scale in Multiple Sclerosis. <i>AAPS Journal</i> , 2017, 19, 172-179.	4.4	28
10	A new method for evaluation of the Fisher information matrix for discrete mixed effect models using Monte Carlo sampling and adaptive Gaussian quadrature. <i>Computational Statistics and Data Analysis</i> , 2017, 111, 203-219.	1.2	12
11	Accelerating Monte Carlo power studies through parametric power estimation. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2016, 43, 223-234.	1.8	12
12	An MCMC method for the evaluation of the Fisher information matrix for non-linear mixed effect models. <i>Biostatistics</i> , 2016, 17, 737-750.	1.5	13
13	Evaluation of bias, precision, robustness and runtime for estimation methods in NONMEM 7. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2014, 41, 223-238.	1.8	15
14	Improved Utilization of ADAS-Cog Assessment Data Through Item Response Theory Based Pharmacometric Modeling. <i>Pharmaceutical Research</i> , 2014, 31, 2152-2165.	3.5	61
15	Optimizing disease progression study designs for drug effect discrimination. <i>Journal of Pharmacokinetics and Pharmacodynamics</i> , 2013, 40, 587-596.	1.8	6
16	PopED: An extended, parallelized, nonlinear mixed effects models optimal design tool. <i>Computer Methods and Programs in Biomedicine</i> , 2012, 108, 789-805.	4.7	61