Sebastian Ueckert

List of Publications by Year
in descending order

16 papers	306 citations	10 h-index 933447	15 g-index 996975
17 all docs	17 docs citations	17 times ranked	368 citing authors

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