

# Frank Miller

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

463  
citations

759233

12  
h-index

713466

21  
g-index

27  
all docs

27  
docs citations

27  
times ranked

468  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discrimination with unidimensional and multidimensional item response theory models for educational data. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2022, 51, 2992-3012.	1.2	8
2	Optimal doseâ€‘finding for efficacyâ€‘safety models. <i>Biometrical Journal</i> , 2021, 63, 1185-1201.	1.0	2
3	An exchange algorithm for optimal calibration of items in computerized achievement tests. <i>Computational Statistics and Data Analysis</i> , 2021, 157, 107177.	1.2	1
4	Optimal Item Calibration for Computerized Achievement Tests. <i>Psychometrika</i> , 2019, 84, 1101-1128.	2.1	3
5	Approaches to sample size calculation for clinical trials in rare diseases. <i>Pharmaceutical Statistics</i> , 2018, 17, 214-230.	1.3	16
6	Estimation after blinded sample size reassessment. <i>Statistical Methods in Medical Research</i> , 2018, 27, 1830-1846.	1.5	8
7	A decision theoretical modeling for Phase III investments and drug licensing. <i>Journal of Biopharmaceutical Statistics</i> , 2018, 28, 698-721.	0.8	10
8	Recent advances in methodology for clinical trials in small populations: the InSPiRe project. <i>Orphanet Journal of Rare Diseases</i> , 2018, 13, 186.	2.7	30
9	Value of information methods to design a clinical trial in a small population to optimise a health economic utility function. <i>BMC Medical Research Methodology</i> , 2018, 18, 20.	3.1	12
10	Conditional Estimation in Two-Stage Adaptive Designs. <i>Biometrics</i> , 2017, 73, 895-904.	1.4	6
11	Does the low prevalence affect the sample size of interventional clinical trials of rare diseases? An analysis of data from the aggregate analysis of clinicaltrials.gov. <i>Orphanet Journal of Rare Diseases</i> , 2017, 12, 44.	2.7	31
12	Determination of the optimal sample size for a clinical trial accounting for the population size. <i>Biometrical Journal</i> , 2017, 59, 609-625.	1.0	27
13	Decision-theoretic designs for small trials and pilot studies: A review. <i>Statistical Methods in Medical Research</i> , 2016, 25, 1022-1038.	1.5	20
14	Implementation of maximin efficient designs in doseâ€‘finding studies. <i>Pharmaceutical Statistics</i> , 2015, 14, 63-73.	1.3	5
15	Experiences with an adaptive design for a dose-finding study in patients with osteoarthritis. <i>Contemporary Clinical Trials</i> , 2014, 37, 189-199.	1.8	47
16	Perspective on adaptive designs: 4 years European Medicines Agency reflection paper, 1 year draft US FDA guidance â€‘ where are we now?. <i>Clinical Investigation</i> , 2012, 2, 235-240.	0.0	9
17	Early phase drug development for treatment of chronic pain â€‘ Options for clinical trial and program design. <i>Contemporary Clinical Trials</i> , 2012, 33, 689-699.	1.8	9
18	Blinded Continuous Monitoring of Nuisance Parameters in Clinical Trials. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2012, 61, 601-618.	1.0	13

#	ARTICLE	IF	CITATIONS
19	Adaptive dose-finding: Proof of concept with type I error control. Biometrical Journal, 2010, 52, 577-589.	1.0	9
20	A Simulation Study to Compare New Adaptive Dose-Ranging Designs. Statistics in Biopharmaceutical Research, 2010, 2, 487-512.	0.8	58
21	Adaptive and Model-Based Dose-Ranging Trials: Quantitative Evaluation and Recommendations. White Paper of the PhRMA Working Group on Adaptive Dose-Ranging Studies. Statistics in Biopharmaceutical Research, 2010, 2, 435-454.	0.8	40
22	Improving Dose-Finding. , 2010, , 10-1-10-23.		5
23	A Seamless Phase II/III Design with Sample-Size Re-Estimation. Journal of Biopharmaceutical Statistics, 2009, 19, 595-609.	0.8	16
24	Optimal Designs for Estimating the Interesting Part of a Dose-Effect Curve. Journal of Biopharmaceutical Statistics, 2007, 17, 1097-1115.	0.8	49
25	Variance Estimation in Clinical Studies with Interim Sample Size Reestimation. Biometrics, 2005, 61, 355-361.	1.4	28
26	Efficient Estimation of Mean Ability Growth Using Vertical Scaling. Applied Measurement in Education, 0, , 1-16.	1.1	1