Feifang Hu

List of Publications by Year
in descending order

74 papers	2,131 citations	257450 24 h-index	243625 44 g-index
76 all docs	76 docs citations	76 times ranked	906 citing authors

#	Article	IF	Citations
1	Optimality, Variability, Power. Journal of the American Statistical Association, 2003, 98, 671-678.	3.1	153
2	Markov Chain Marginal Bootstrap. Journal of the American Statistical Association, 2002, 97, 783-795.	3.1	110
3	Asymptotic properties of doubly adaptive biased coin designs for multitreatment clinical trials. Annals of Statistics, 2004, 32, .	2.6	105
4	Implementing Optimal Allocation in Sequential Binary Response Experiments. Journal of the American Statistical Association, 2007, 102, 224-234.	3.1	95
5	The weighted likelihood. Canadian Journal of Statistics, 2002, 30, 347-371.	0.9	86
6	Asymptotic properties of covariate-adjusted response-adaptive designs. Annals of Statistics, 2007, 35, 1166.	2.6	81
7	Efficient randomized-adaptive designs. Annals of Statistics, 2009, 37, .	2.6	73
8	The estimating function bootstrap. Canadian Journal of Statistics, 2000, 28, 449-481.	0.9	70
9	Asymptotic properties of covariate-adaptive randomization. Annals of Statistics, 2012, 40, .	2.6	68
10	Asymptotic Properties of Adaptive designs for Clinical Trials with delayed Response. Annals of Statistics, 2002, 30, 122.	2.6	65
11	Asymptotically best response-adaptive randomization procedures. Journal of Statistical Planning and Inference, 2006, 136, 1911-1922.	0.6	61
12	Asymptotic theorems for urn models with nonhomogeneous generating matrices. Stochastic Processes and Their Applications, 1999, 80, 87-101.	0.9	60
13	Adaptive Randomization for Clinical Trials. Journal of Biopharmaceutical Statistics, 2012, 22, 719-736.	0.8	59
14	Maximizing power and minimizing treatment failures in clinical trials. Clinical Trials, 2004, 1, 141-147.	1.6	55
15	Asymptotic theorems of sequential estimation-adjusted urn models. Annals of Applied Probability, 2006, 16, 340.	1.3	52
16	Testing Hypotheses of Covariate-Adaptive Randomized Clinical Trials. Journal of the American Statistical Association, 2015, 110, 669-680.	3.1	42
17	A bootstrap based on the estimating equations of the linear model. Biometrika, 1995, 82, 263-275.	2.4	41
18	Adaptive randomization for balancing over covariates. Wiley Interdisciplinary Reviews: Computational Statistics, 2014, 6, 288-303.	3.9	39

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19	Sequential monitoring of response-adaptive randomized clinical trials. Annals of Statistics, 2010, 38, .	2.6	38
20	Doubly adaptive biased coin designs with delayed responses. Canadian Journal of Statistics, 2008, 36, 541-559.	0.9	32
21	Bootstrap methods for adaptive designs. , 1999, 18, 1757-1767.		30
22	Immigrated urn modelsâ€"theoretical properties and applications. Annals of Statistics, 2011, 39, .	2.6	30
23	An Adaptive Design for Multi-Arm Clinical Trials. Journal of Multivariate Analysis, 2002, 81, 1-18.	1.0	29
24	Statistical Inference for Covariate-Adaptive Randomization Procedures. Journal of the American Statistical Association, 2020, 115, 1488-1497.	3.1	28
25	Analysis of time trends in adaptive designs with application to a neurophysiology experiment. Statistics in Medicine, 2000, 19, 2067-2075.	1.6	27
26	A Unified Family of Covariate-Adjusted Response-Adaptive Designs Based on Efficiency and Ethics. Journal of the American Statistical Association, 2015, 110, 357-367.	3.1	27
27	Balancing continuous covariates based on Kernel densities. Contemporary Clinical Trials, 2013, 34, 262-269.	1.8	23
28	Asymptotic normality of urn models for clinical trials with delayed response. Bernoulli, 2004, 10, 447.	1.3	22
29	Relevance weighted likelihood for dependent data. Metrika, 2000, 51, 223-243.	0.8	20
30	Implementing optimal allocation for sequential continuous responses with multiple treatments. Journal of Statistical Planning and Inference, 2009, 139, 2420-2430.	0.6	17
31	Two-way partial AUC and its properties. Statistical Methods in Medical Research, 2019, 28, 184-195.	1.5	16
32	Statistical issues in trial design and personalized medicine. Clinical Investigation, 2012, 2, 121-124.	0.0	15
33	Optimal Adaptive Designs for Binary Response Trials With Three Treatments. Statistics in Biopharmaceutical Research, 2010, 2, 310-318.	0.8	13
34	Balancing Treatment Allocation over Continuous Covariates: A New Imbalance Measure for Minimization. Journal of Probability and Statistics, 2012, 2012, 1-13.	0.7	11
35	Interim analysis of clinical trials based on urn models. Canadian Journal of Statistics, 2012, 40, 550-568.	0.9	11
36	Adaptive clinical trial designs to detect interaction between treatment and a dichotomous biomarker. Canadian Journal of Statistics, 2013, 41, 525-539.	0.9	11

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37	Generalized multidimensional dynamic allocation method. Statistics in Medicine, 2012, 31, 3537-3544.	1.6	10
38	Optimal biased coins for two-arm clinical trials. Statistics and Its Interface, 2008, 1, 125-135.	0.3	10
39	Testing hypotheses under adaptive randomization with continuous covariates in clinical trials. Statistical Methods in Medical Research, 2019, 28, 1609-1621.	1.5	9
40	Balancing Unobserved Covariates With Covariate-Adaptive Randomized Experiments. Journal of the American Statistical Association, 2022, 117, 875-886.	3.1	9
41	Outcome-adaptive randomization for a delayed outcome with a short-term predictor: imputation-based designs. Statistics in Medicine, 2014, 33, 4029-4042.	1.6	8
42	Statistical inference of adaptive randomized clinical trials for personalized medicine. Clinical Investigation, 2015, 5, 415-425.	0.0	8
43	Doubly adaptive biased coin designs with heterogeneous responses. Journal of Statistical Planning and Inference, 2009, 139, 3220-3230.	0.6	7
44	Bayesian doubly adaptive randomization in clinical trials. Science China Mathematics, 2017, 60, 2503-2514.	1.7	7
45	A note on breakdown theory for bootstrap methods. Statistics and Probability Letters, 2000, 50, 49-53.	0.7	6
46	Covariate-adjusted response-adaptive designs for generalized linear models. Journal of Statistical Planning and Inference, 2014, 149, 152-161.	0.6	6
47	Adaptive treatment allocation for comparative clinical studies with recurrent events data. Biometrics, 2020, 76, 183-196.	1.4	6
48	Adaptive Designs for Non-inferiority Trials with Multiple Experimental Treatments. Statistical Methods in Medical Research, 2018, 27, 3255-3270.	1.5	5
49	Efficiency and Robustness of a Resampling M-Estimator in the Linear Model. Journal of Multivariate Analysis, 2001, 78, 252-271.	1.0	4
50	The Gaussian approximation for multi-color generalized Friedman's urn model. Science in China Series A: Mathematics, 2009, 52, 1305-1326.	0.5	4
51	An optimal response adaptive biased coin design with k heteroscedastic treatments. Journal of Statistical Planning and Inference, 2011, 141, 235-242.	0.6	4
52	Longitudinal covariate-adjusted response-adaptive randomized designs. Journal of Statistical Planning and Inference, 2013, 143, 1816-1827.	0.6	4
53	Asymptotic Properties of Multicolor Randomly Reinforced Pólya Urns. Advances in Applied Probability, 2014, 46, 585-602.	0.7	4
54	Covariate-adaptive designs with missing covariates in clinical trials. Science China Mathematics, 2015, 58, 1191-1202.	1.7	4

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55	Testing for treatment effect in covariate-adaptive randomized trials with generalized linear models and omitted covariates. Statistical Methods in Medical Research, 2021, 30, 2148-2164.	1.5	4
56	Optimal responses-adaptive designs based on efficiency, ethic, and cost. Statistics and Its Interface, 2018, 11, 99-107.	0.3	4
57	Estimating equation-based causality analysis with application to microarray time series data. Biostatistics, 2009, 10, 468-480.	1.5	3
58	Response-adaptive treatment allocation for non-inferiority trials with heterogeneous variances. Computational Statistics and Data Analysis, 2018, 124, 168-179.	1.2	3
59	Incorporating covariates information in adaptive clinical trials for precision medicine. Pharmaceutical Statistics, 2022, 21, 176-195.	1.3	3
60	A kind of urn model for adaptive sequential design. Acta Mathematica Scientia, 2001, 21, 224-228.	1.0	2
61	Response adaptive randomization procedures in seamless phase II/III clinical trials. Journal of Biopharmaceutical Statistics, 2020, 30, 3-17.	0.8	2
62	Outâ€ofâ€sample equity premium prediction: A scenario analysis approach. Journal of Forecasting, 2018, 37, 604-626.	2.8	1
63	Sample size reâ€estimation for covariateâ€adaptive randomized clinical trials. Statistics in Medicine, 2021, 40, 2839-2858.	1.6	1
64	Sample size reâ€estimation for responseâ€adaptive randomized clinical trials. Pharmaceutical Statistics, 2022, , .	1.3	1
65	Response-adaptive treatment randomization for multiple comparisons of treatments with recurrentevent responses. Statistical Methods in Medical Research, 2022, , 096228022210952.	1.5	1
66	Point success rate for patient therapeutic response prediction by continuous biomarker scores. Statistical Methods in Medical Research, 2016, 25, 1638-1647.	1.5	0
67	Nonparametric responseâ€adaptive randomization for continuous responses. Pharmaceutical Statistics, 2018, 17, 781-796.	1.3	0
68	Comment on â€˜Inference after covariate-adaptive randomisation: aspects of methodology and theoryâ€™. Statistical Theory and Related Fields, 2021, 5, 187-189.	0.4	0
69	SOME RECENT ADVANCES ON RESPONSE-ADAPTIVE RANDOMIZED DESIGNS. , 2003, , 205-219.		0
70	PROFESSOR BAI'S MAIN CONTRIBUTIONS ON RANDOMIZED URN MODELS. , 2008, , .		0
71	ASYMPTOTIC PROPERTIES OF ADAPTIVE DESIGNS FOR CLINICAL TRIALS WITH DELAYED RESPONSE. , 2008, , .		0
72	ASYMPTOTICS IN RANDOMIZED URN MODELS. , 2008, , .		0

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73	Type I error for a chi-square test when the response probability changes during a trial. Statistics and Its Interface, 2012, 5, 471-478.	0.3	0
74	Covariate‐adaptive randomization with variable selection in clinical trials. Stat, 2022, 11, .	0.4	0