William F Rosenberger

List of Publications by Year
in descending order

71 papers	3,133 citations	201674 27 h-index	168389 53 g-index
80 all docs	80 docs citations	80 times ranked	1388 citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Adaptive Designs for Binary Response Trials. Biometrics, 2001, 57, 909-913.	1.4	207
2	Optimality, Variability, Power. Journal of the American Statistical Association, 2003, 98, 671-678.	3.1	153
3	Competing designs for phase I clinical trials: a review. Statistics in Medicine, 2002, 21, 2757-2770.	1.6	134
4	Handling Covariates in the Design of Clinical Trials. Statistical Science, 2008, 23, .	2.8	118
5	Bayesian Optimal Designs for Phase I Clinical Trials. Biometrics, 2003, 59, 591-600.	1.4	104
6	Implementing Optimal Allocation in Sequential Binary Response Experiments. Journal of the American Statistical Association, 2007, 102, 224-234.	3.1	95
7	The use of response-adaptive designs in clinical trials. Contemporary Clinical Trials, 1993, 14, 471-484.	1.9	92
8	Response-Adaptive Randomization for Clinical Trials with Continuous Outcomes. Biometrics, 2006, 62, 562-569.	1.4	87
9	Closed-form estimates for missing counts in two-way contingency tables. Statistics in Medicine, 1992, 11, 643-657.	1.6	76
10	Dry Needling Alters Trigger Points in the Upper Trapezius Muscle and Reduces Pain in Subjects With Chronic Myofascial Pain. PM and R, 2015, 7, 711-718.	1.6	72
11	Asymptotic Properties of Adaptive designs for Clinical Trials with delayed Response. Annals of Statistics, 2002, 30, 122.	2.6	65
12	Asymptotically best response-adaptive randomization procedures. Journal of Statistical Planning and Inference, 2006, 136, 1911-1922.	0.6	61
13	COVARIATE-ADJUSTED RESPONSE-ADAPTIVE DESIGNS FOR BINARY RESPONSE. Journal of Biopharmaceutical Statistics, 2001, 11, 227-236.	0.8	60
14	Adaptive Randomization for Clinical Trials. Journal of Biopharmaceutical Statistics, 2012, 22, 719-736.	0.8	59
15	Asymptotic Inference with Response-Adaptive Treatment Allocation Designs. Annals of Statistics, 1993, 21, .	2.6	57
16	Maximizing power and minimizing treatment failures in clinical trials. Clinical Trials, 2004, 1, 141-147.	1.6	55
17	RANDOMIZED URN MODELS AND SEQUENTIAL DESIGN. Sequential Analysis, 2002, 21, 1-28.	0.5	54
18	Response-adaptive randomization for survival trials: the parametric approach. Journal of the Royal Statistical Society Series C: Applied Statistics, 2007, 56, 153-165.	1.0	46

#	ARTICLE	IF	CITATIONS
19	Randomization: The forgotten component of the randomized clinical trial. Statistics in Medicine, 2019, 38, 1-12.	1.6	44
20	Adaptive randomization for balancing over covariates. Wiley Interdisciplinary Reviews: Computational Statistics, 2014, 6, 288-303.	3.9	39
21	Novel Use of Ultrasound Elastography to Quantify Muscle Tissue Changes After Dry Needling of Myofascial Trigger Points in Patients With Chronic Myofascial Pain. Journal of Ultrasound in Medicine, 2015, 34, 2149-2161.	1.7	39
22	Adaptive survival trials. Journal of Biopharmaceutical Statistics, 1997, 7, 617-624.	0.8	38
23	A sequential design for psychophysical experiments: An application to estimating timing of sensory events. , 1997, 16, 2245-2260.		37
24	ERDO - a framework to select an appropriate randomization procedure for clinical trials. BMC Medical Research Methodology, 2017, 17, 159.	3.1	33
25	A COMPARISON OF URN DESIGNS FOR RANDOMIZED CLINICAL TRIALS OF K > 2 TREATMENTS. Journal of Biopharmaceutical Statistics, 2000, 10, 93-107.	0.8	32
26	Exact properties of Efron's biased coin randomization procedure. Annals of Statistics, 2010, 38, .	2.6	31
27	Bootstrap methods for adaptive designs. , 1999, 18, 1757-1767.		30
28	On Recent Advances in Optimal Allocation Designs in Clinical Trials. Journal of Statistical Theory and Practice, 2013, 7, 753-773.	0.5	28
29	A comparison of the randomized play-the-winner rule and the triangular test for clinical trials with binary responses. , 1999, 18, 761-769.		27
30	Analysis of time trends in adaptive designs with application to a neurophysiology experiment. Statistics in Medicine, 2000, 19, 2067-2075.	1.6	27
31	Covariate-adjusted Response-adaptive Randomization for Multi-arm Clinical Trials Using a Modified Forward Looking Gittins Index Rule. Biometrics, 2018, 74, 49-57.	1.4	26
32	Use of spending functions for occasional or continuous monitoring of data in clinical trials. Statistics in Medicine, 1993, 12, 2219-2231.	1.6	25
33	Lifetime discrimination burden, racial discrimination, and subclinical cerebrovascular disease among African Americans.. Health Psychology, 2019, 38, 63-74.	1.6	24
34	Dealing with multiplicities in pharmacoepidemiologic studies. , 1996, 5, 95-100.		23
35	Beneficial Effects of Dry Needling for Treatment of Chronic Myofascial Pain Persist for 6 Weeks After Treatment Completion. PM and R, 2017, 9, 105-112.	1.6	23
36	Sequential monitoring with conditional randomization tests. Annals of Statistics, 2012, 40, .	2.6	22

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37	Relevance weighted likelihood for dependent data. Metrika, 2000, 51, 223-243.	0.8	20
38	Convergence properties of sequential Bayesian D-optimal designs. Journal of Statistical Planning and Inference, 2009, 139, 425-440.	0.6	20
39	Utility of Covariate-Adjusted Response-Adaptive Randomization in Survival Trials. Statistics in Biopharmaceutical Research, 2013, 5, 38-53.	0.8	20
40	Nonlinear associations between plasma cholesterol levels and neuropsychological function.. Neuropsychology, 2016, 30, 980-987.	1.3	19
41	Adaptive Designs for Clinical Trials with Highly Successful Treatments. Drug Information Journal, 2001, 35, 1087-1093.	0.5	16
42	On the use of randomization tests following adaptive designs. Journal of Biopharmaceutical Statistics, 2016, 26, 466-474.	0.8	15
43	The Temptation of Overgeneralizing Response-adaptive Randomization. Clinical Infectious Diseases, 2021, 73, e842-e842.	5.8	15
44	A Graphical Comparison of Response-Adaptive Randomization Procedures. Statistics in Biopharmaceutical Research, 2013, 5, 126-141.	0.8	14
45	Optimal design for the proportional odds model. Canadian Journal of Statistics, 2003, 31, 225-235.	0.9	13
46	Bias properties and nonparametric inference for truncated binomial randomization. Journal of Nonparametric Statistics, 2003, 15, 455-465.	0.9	13
47	Conditional Monte Carlo randomization tests for regression models. Statistics in Medicine, 2014, 33, 3078-3088.	1.6	13
48	Inference for Blocked Randomization under a Selection Bias Model. Biometrics, 2015, 71, 979-984.	1.4	12
49	Randomization–based interval estimation in randomized clinical trials. Statistics in Medicine, 2020, 39, 2843-2854.	1.6	12
50	Exact optimum coin bias in Efron's randomization procedure. Statistics in Medicine, 2015, 34, 3760-3768.	1.6	11
51	Sociodemographic disparities in corticolimbic structures. PLoS ONE, 2019, 14, e0216338.	2.5	10
52	Design and analysis of stratified clinical trials in the presence of bias. Statistical Methods in Medical Research, 2020, 29, 1715-1727.	1.5	9
53	Randomization tests for multiarmed randomized clinical trials. Statistics in Medicine, 2020, 39, 494-509.	1.6	9
54	On linear rank tests for truncated binomial randomization. Statistics and Probability Letters, 2005, 72, 83-92.	0.7	8

#	Article	IF	Citations
55	Nonparametric covariate-adjusted response-adaptive design based on a functional urn model. Annals of Statistics, 2018, 46, .	2.6	8
56	Development of Interactive Software for Bayesian Optimal Phase 1 Clinical Trial Design. Drug Information Journal, 2005, 39, 89-98.	0.5	7
57	On asymptotic normality of the randomization-based logrank test. Journal of Nonparametric Statistics, 2005, 17, 833-839.	0.9	7
58	Sequential designs for ordinal phase I clinical trials. Biometrical Journal, 2009, 51, 335-347.	1.0	5
59	Random norming aids analysis of non-linear regression models with sequential informative dose selection. Journal of Statistical Planning and Inference, 2020, 206, 29-42.	0.6	5
60	Randomization-based inference and the choice of randomization procedures. Statistical Papers, 2019, 60, 395-404.	1.2	3
61	Inference for a two-stage enrichment design. Annals of Statistics, 2021, 49, .	2.6	3
62	Sequential Monitoring of Conditional Randomization Tests: Generalized Biased Coin Designs. Sequential Analysis, 2008, 27, 234-253.	0.5	2
63	Rejoinder. Statistics in Medicine, 2019, 38, 27-30.	1.6	1
64	Response-Adaptive Randomization for Clinical Trials. Statistics in the Health Sciences, 2014, , 183-199.	0.2	1
65	Adaptive Bayesian Design with Penalty Based on Toxicity-Efficacy Response. Contributions To Statistics, 2013, , 91-98.	0.2	1
66	Discussion on â€œSecond-Guessing Clinical Trial Designsâ€•by Jonathan J. Shuster and Myron N. Chang. Sequential Analysis, 2008, 27, 24-25.	0.5	0
67	Commentary on â€˜Designs for doseâ€"escalation trials with quantitative responsesâ€™. Statistics in Medicine, 2009, 28, 3751-3753.	1.6	0
68	ASYMPTOTIC PROPERTIES OF ADAPTIVE DESIGNS FOR CLINICAL TRIALS WITH DELAYED RESPONSE. , 2008, , .		0
69	Optimal Response-Adaptive Randomization for Clinical Trials. , 2010, , 15-1-15-13.		0
70	Bias Control in Randomized Controlled Clinical Trials. , 2020, , 1-20.		0
71	Sequential design and analysis in the randomized clinical trial: A historical perspective. Sequential Analysis, 2020, 39, 295-306.	0.5	0