

William F Rosenberger

List of Publications by Year in descending order

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Version: 2024-02-01

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	The Temptation of Overgeneralizing Response-adaptive Randomization. <i>Clinical Infectious Diseases</i> , 2021, 73, e842-e842.	5.8	15
2	Inference for a two-stage enrichment design. <i>Annals of Statistics</i> , 2021, 49, .	2.6	3
3	Design and analysis of stratified clinical trials in the presence of bias. <i>Statistical Methods in Medical Research</i> , 2020, 29, 1715-1727.	1.5	9
4	Random norming aids analysis of non-linear regression models with sequential informative dose selection. <i>Journal of Statistical Planning and Inference</i> , 2020, 206, 29-42.	0.6	5
5	Randomization tests for multiarmed randomized clinical trials. <i>Statistics in Medicine</i> , 2020, 39, 494-509.	1.6	9
6	Randomization-based interval estimation in randomized clinical trials. <i>Statistics in Medicine</i> , 2020, 39, 2843-2854.	1.6	12
7	Bias Control in Randomized Controlled Clinical Trials. , 2020, , 1-20.		0
8	Sequential design and analysis in the randomized clinical trial: A historical perspective. <i>Sequential Analysis</i> , 2020, 39, 295-306.	0.5	0
9	Randomization: The forgotten component of the randomized clinical trial. <i>Statistics in Medicine</i> , 2019, 38, 1-12.	1.6	44
10	Rejoinder. <i>Statistics in Medicine</i> , 2019, 38, 27-30.	1.6	1
11	Sociodemographic disparities in corticolimbic structures. <i>PLoS ONE</i> , 2019, 14, e0216338.	2.5	10
12	Randomization-based inference and the choice of randomization procedures. <i>Statistical Papers</i> , 2019, 60, 395-404.	1.2	3
13	Lifetime discrimination burden, racial discrimination, and subclinical cerebrovascular disease among African Americans.. <i>Health Psychology</i> , 2019, 38, 63-74.	1.6	24
14	Covariate-adjusted Response-adaptive Randomization for Multi-arm Clinical Trials Using a Modified Forward Looking Gittins Index Rule. <i>Biometrics</i> , 2018, 74, 49-57.	1.4	26
15	Nonparametric covariate-adjusted response-adaptive design based on a functional urn model. <i>Annals of Statistics</i> , 2018, 46, .	2.6	8
16	Beneficial Effects of Dry Needling for Treatment of Chronic Myofascial Pain Persist for 6 Weeks After Treatment Completion. <i>PM and R</i> , 2017, 9, 105-112.	1.6	23
17	ERDO - a framework to select an appropriate randomization procedure for clinical trials. <i>BMC Medical Research Methodology</i> , 2017, 17, 159.	3.1	33
18	On the use of randomization tests following adaptive designs. <i>Journal of Biopharmaceutical Statistics</i> , 2016, 26, 466-474.	0.8	15

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19	Nonlinear associations between plasma cholesterol levels and neuropsychological function.. <i>Neuropsychology</i> , 2016, 30, 980-987.	1.3	19
20	Exact optimum coin bias in Efron's randomization procedure. <i>Statistics in Medicine</i> , 2015, 34, 3760-3768.	1.6	11
21	Inference for Blocked Randomization under a Selection Bias Model. <i>Biometrics</i> , 2015, 71, 979-984.	1.4	12
22	Dry Needling Alters Trigger Points in the Upper Trapezius Muscle and Reduces Pain in Subjects With Chronic Myofascial Pain. <i>PM and R</i> , 2015, 7, 711-718.	1.6	72
23	Novel Use of Ultrasound Elastography to Quantify Muscle Tissue Changes After Dry Needling of Myofascial Trigger Points in Patients With Chronic Myofascial Pain. <i>Journal of Ultrasound in Medicine</i> , 2015, 34, 2149-2161.	1.7	39
24	Adaptive randomization for balancing over covariates. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2014, 6, 288-303.	3.9	39
25	Conditional Monte Carlo randomization tests for regression models. <i>Statistics in Medicine</i> , 2014, 33, 3078-3088.	1.6	13
26	Response-Adaptive Randomization for Clinical Trials. <i>Statistics in the Health Sciences</i> , 2014, , 183-199.	0.2	1
27	On Recent Advances in Optimal Allocation Designs in Clinical Trials. <i>Journal of Statistical Theory and Practice</i> , 2013, 7, 753-773.	0.5	28
28	A Graphical Comparison of Response-Adaptive Randomization Procedures. <i>Statistics in Biopharmaceutical Research</i> , 2013, 5, 126-141.	0.8	14
29	Utility of Covariate-Adjusted Response-Adaptive Randomization in Survival Trials. <i>Statistics in Biopharmaceutical Research</i> , 2013, 5, 38-53.	0.8	20
30	Adaptive Bayesian Design with Penalty Based on Toxicity-Efficacy Response. <i>Contributions To Statistics</i> , 2013, , 91-98.	0.2	1
31	Sequential monitoring with conditional randomization tests. <i>Annals of Statistics</i> , 2012, 40, .	2.6	22
32	Adaptive Randomization for Clinical Trials. <i>Journal of Biopharmaceutical Statistics</i> , 2012, 22, 719-736.	0.8	59
33	Exact properties of Efron's biased coin randomization procedure. <i>Annals of Statistics</i> , 2010, 38, .	2.6	31
34	Optimal Response-Adaptive Randomization for Clinical Trials. , 2010, , 15-1-15-13.		0
35	Sequential designs for ordinal phase I clinical trials. <i>Biometrical Journal</i> , 2009, 51, 335-347.	1.0	5
36	Commentary on "Designs for dose" escalation trials with quantitative responses". <i>Statistics in Medicine</i> , 2009, 28, 3751-3753.	1.6	0

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37	Convergence properties of sequential Bayesian D-optimal designs. <i>Journal of Statistical Planning and Inference</i> , 2009, 139, 425-440.	0.6	20
38	Sequential Monitoring of Conditional Randomization Tests: Generalized Biased Coin Designs. <i>Sequential Analysis</i> , 2008, 27, 234-253.	0.5	2
39	Discussion on "Second-Guessing Clinical Trial Designs" by Jonathan J. Shuster and Myron N. Chang. <i>Sequential Analysis</i> , 2008, 27, 24-25.	0.5	0
40	Handling Covariates in the Design of Clinical Trials. <i>Statistical Science</i> , 2008, 23, .	2.8	118
41	ASYMPTOTIC PROPERTIES OF ADAPTIVE DESIGNS FOR CLINICAL TRIALS WITH DELAYED RESPONSE. , 2008, , .		0
42	Implementing Optimal Allocation in Sequential Binary Response Experiments. <i>Journal of the American Statistical Association</i> , 2007, 102, 224-234.	3.1	95
43	Response-adaptive randomization for survival trials: the parametric approach. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2007, 56, 153-165.	1.0	46
44	Response-Adaptive Randomization for Clinical Trials with Continuous Outcomes. <i>Biometrics</i> , 2006, 62, 562-569.	1.4	87
45	Asymptotically best response-adaptive randomization procedures. <i>Journal of Statistical Planning and Inference</i> , 2006, 136, 1911-1922.	0.6	61
46	On linear rank tests for truncated binomial randomization. <i>Statistics and Probability Letters</i> , 2005, 72, 83-92.	0.7	8
47	Development of Interactive Software for Bayesian Optimal Phase 1 Clinical Trial Design. <i>Drug Information Journal</i> , 2005, 39, 89-98.	0.5	7
48	On asymptotic normality of the randomization-based logrank test. <i>Journal of Nonparametric Statistics</i> , 2005, 17, 833-839.	0.9	7
49	Maximizing power and minimizing treatment failures in clinical trials. <i>Clinical Trials</i> , 2004, 1, 141-147.	1.6	55
50	Optimal design for the proportional odds model. <i>Canadian Journal of Statistics</i> , 2003, 31, 225-235.	0.9	13
51	Bayesian Optimal Designs for Phase I Clinical Trials. <i>Biometrics</i> , 2003, 59, 591-600.	1.4	104
52	Bias properties and nonparametric inference for truncated binomial randomization. <i>Journal of Nonparametric Statistics</i> , 2003, 15, 455-465.	0.9	13
53	Optimality, Variability, Power. <i>Journal of the American Statistical Association</i> , 2003, 98, 671-678.	3.1	153
54	RANDOMIZED URN MODELS AND SEQUENTIAL DESIGN. <i>Sequential Analysis</i> , 2002, 21, 1-28.	0.5	54

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55	Asymptotic Properties of Adaptive designs for Clinical Trials with delayed Response. Annals of Statistics, 2002, 30, 122.	2.6	65
56	Competing designs for phase I clinical trials: a review. Statistics in Medicine, 2002, 21, 2757-2770.	1.6	134
57	COVARIATE-ADJUSTED RESPONSE-ADAPTIVE DESIGNS FOR BINARY RESPONSE. Journal of Biopharmaceutical Statistics, 2001, 11, 227-236.	0.8	60
58	Optimal Adaptive Designs for Binary Response Trials. Biometrics, 2001, 57, 909-913.	1.4	207
59	Adaptive Designs for Clinical Trials with Highly Successful Treatments. Drug Information Journal, 2001, 35, 1087-1093.	0.5	16
60	Analysis of time trends in adaptive designs with application to a neurophysiology experiment. Statistics in Medicine, 2000, 19, 2067-2075.	1.6	27
61	Relevance weighted likelihood for dependent data. Metrika, 2000, 51, 223-243.	0.8	20
62	A COMPARISON OF URN DESIGNS FOR RANDOMIZED CLINICAL TRIALS OF $K > 2$ TREATMENTS. Journal of Biopharmaceutical Statistics, 2000, 10, 93-107.	0.8	32
63	A comparison of the randomized play-the-winner rule and the triangular test for clinical trials with binary responses. , 1999, 18, 761-769.		27
64	Bootstrap methods for adaptive designs. , 1999, 18, 1757-1767.		30
65	Adaptive survival trials. Journal of Biopharmaceutical Statistics, 1997, 7, 617-624.	0.8	38
66	A sequential design for psychophysical experiments: An application to estimating timing of sensory events. , 1997, 16, 2245-2260.		37
67	Dealing with multiplicities in pharmacoepidemiologic studies. , 1996, 5, 95-100.		23
68	Use of spending functions for occasional or continuous monitoring of data in clinical trials. Statistics in Medicine, 1993, 12, 2219-2231.	1.6	25
69	The use of response-adaptive designs in clinical trials. Contemporary Clinical Trials, 1993, 14, 471-484.	1.9	92
70	Asymptotic Inference with Response-Adaptive Treatment Allocation Designs. Annals of Statistics, 1993, 21, .	2.6	57
71	Closed-form estimates for missing counts in two-way contingency tables. Statistics in Medicine, 1992, 11, 643-657.	1.6	76