

Keith E Muller

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,844
citations

304743

22
h-index

189892

50
g-index

56
all docs

56
docs citations

56
times ranked

3874
citing authors

#	ARTICLE	IF	CITATIONS
1	A practical decision tree to support editorial adjudication of submitted parallel cluster randomized controlled trials. <i>Obesity</i> , 2022, 30, 565-570.	3.0	8
2	Florida Medicaid Children's Receipt of First-Line Psychosocial Care Prior to Antipsychotic Initiation. <i>Academic Pediatrics</i> , 2022, 22, S100-S107.	2.0	3
3	Enhancing Quality Measurement With Clinical Information: A Use Case of Body Mass Index Change Among Children Taking Second Generation Antipsychotics. <i>Academic Pediatrics</i> , 2022, 22, S140-S149.	2.0	2
4	Do patients at high risk for Hepatitis C receive recommended testing? A retrospective cohort study of statewide Medicaid claims linked with OneFlorida clinical data. <i>Medicine (United States)</i> , 2021, 100, e28316.	1.0	1
5	The Wellness Incentive and Navigation intervention improved health-related quality of life among Medicaid enrollees: A randomized pragmatic clinical trial. <i>Health Services Research</i> , 2019, 54, 1156-1165.	2.0	6
6	Power and Sample Size for Fixed-Effects Inference in Reversible Linear Mixed Models. <i>American Statistician</i> , 2019, 73, 350-359.	1.6	6
7	Trajectories of Nevus Development From Age 3 to 16 Years in the Colorado Kids Sun Care Program Cohort. <i>JAMA Dermatology</i> , 2018, 154, 1272.	4.1	4
8	Multivariate test power approximations for balanced linear mixed models in studies with missing data. <i>Statistics in Medicine</i> , 2016, 35, 2921-2937.	1.6	11
9	Quality of Care for Chronic Conditions Among Disabled Medicaid Enrollees. <i>Medical Care</i> , 2015, 53, 599-606.	2.4	8
10	Kronecker Product Linear Exponent AR(1) Correlation Structures for Multivariate Repeated Measures. <i>PLoS ONE</i> , 2014, 9, e88864.	2.5	9
11	Power calculation for overall hypothesis testing with high-dimensional commensurate outcomes. <i>Statistics in Medicine</i> , 2014, 33, 812-827.	1.6	12
12	Confidence regions for repeated measures ANOVA power curves based on estimated covariance. <i>BMC Medical Research Methodology</i> , 2013, 13, 57.	3.1	10
13	Selecting a sample size for studies with repeated measures. <i>BMC Medical Research Methodology</i> , 2013, 13, 100.	3.1	258
14	GLIMPSE: Online Power Computation for Linear Models with and without a Baseline Covariate. <i>Journal of Statistical Software</i> , 2013, 54, .	3.7	227
15	Global hypothesis testing for high-dimensional repeated measures outcomes. <i>Statistics in Medicine</i> , 2012, 31, 724-742.	1.6	16
16	Avoiding bias in mixed model inference for fixed effects. <i>Statistics in Medicine</i> , 2011, 30, 2696-2707.	1.6	66
17	Real longitudinal data analysis for real people: Building a good enough mixed model. <i>Statistics in Medicine</i> , 2010, 29, 504-520.	1.6	193
18	A linear exponent AR(1) family of correlation structures. <i>Statistics in Medicine</i> , 2010, 29, 1825-1838.	1.6	28

#	ARTICLE	IF	CITATIONS
19	Using scientifically and statistically sufficient statistics in comparing image segmentations. <i>Statistics and Its Interface</i> , 2010, 3, 91-101.	0.3	0
20	Analysis of variance concepts and computations. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2009, 1, 271-282.	3.9	4
21	POWERLIB:<i>SAS/IML</i> Software for Computing Power in Multivariate Linear Models. <i>Journal of Statistical Software</i> , 2009, 30, .	3.7	22
22	An <i>R</i>² statistic for fixed effects in the linear mixed model. <i>Statistics in Medicine</i> , 2008, 27, 6137-6157.	1.6	470
23	Practical Methods for Bounding Type I Error Rate with an Internal Pilot Design. <i>Communications in Statistics - Theory and Methods</i> , 2007, 36, 2143-2157.	1.0	9
24	Statistical tests with accurate size and power for balanced linear mixed models. <i>Statistics in Medicine</i> , 2007, 26, 3639-3660.	1.6	45
25	Internal pilots for a class of linear mixed models with Gaussian and compound symmetric data. <i>Statistics in Medicine</i> , 2007, 26, 4083-4099.	1.6	7
26	Effects of home access and availability of alcohol on young adolescents' alcohol use. <i>Addiction</i> , 2007, 102, 1597-1608.	3.3	189
27	Extending the Box-Cox transformation to the linear mixed model. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2006, 169, 273-288.	1.1	77
28	Comparison of Calcification Specificity in Digital Mammography Using Soft-Copy Display Versus Screen-Film Mammography. <i>American Journal of Roentgenology</i> , 2006, 187, 47-50.	2.2	24
29	Adjusting power for a baseline covariate in linear models. <i>Statistics in Medicine</i> , 2003, 22, 2535-2551.	1.6	38
30	Properties of internal pilots with the univariate approach to repeated measures. <i>Statistics in Medicine</i> , 2003, 22, 2469-2485.	1.6	26
31	A New Method for Choosing Sample Size for Confidence Interval-Based Inferences. <i>Biometrics</i> , 2003, 59, 580-590.	1.4	42
32	Age and Treatment Related Local Hippocampal Changes in Schizophrenia Explained by a Novel Shape Analysis Method. <i>Lecture Notes in Computer Science</i> , 2003, , 653-660.	1.3	4
33	Interpretation of Digital Mammograms: Comparison of Speed and Accuracy of Soft-Copy versus Printed-Film Display. <i>Radiology</i> , 2002, 223, 483-488.	7.3	92
34	Tests for Gaussian repeated measures with missing data in small samples. , 2000, 19, 1101-1114.		26
35	Radiologistsâ€™ Preferences for Digital Mammographic Display. <i>Radiology</i> , 2000, 216, 820-830.	7.3	78
36	Effect of display luminance on the feature detection rates of masses in mammograms. <i>Medical Physics</i> , 1999, 26, 2266-2272.	3.0	15

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37	A New F Approximation for the Pillai-Bartlett Trace Under H_0 . Journal of Computational and Graphical Statistics, 1998, 7, 131-137.	1.7	15
38	A New F Approximation for the Pillai-Bartlett Trace under H_0 . Journal of Computational and Graphical Statistics, 1998, 7, 131.	1.7	5
39	A New Approximation for the Pillai-Bartlett Trace under. Journal of Computational and Graphical Statistics, 1998, 7, 131-137.	1.7	11
40	Bias in linear model power and sample size due to estimating variance. Communications in Statistics - Theory and Methods, 1997, 26, 839-851.	1.0	19
41	Bias in linear model power and sample size calculation due to estimating noncentrality. Communications in Statistics - Theory and Methods, 1996, 25, 1595-1610.	1.0	34
42	Computing Confidence Bounds for Power and Sample Size of the General Linear Univariate Model. American Statistician, 1995, 49, 43.	1.6	15
43	A comparison of power approximations for satterthwaite's test. Communications in Statistics Part B: Simulation and Computation, 1995, 24, 583-593.	1.2	11
44	Computing Confidence Bounds for Power and Sample Size of the General Linear Univariate Model. American Statistician, 1995, 49, 43-47.	1.6	42
45	A method for determination of optimal image enhancement for the detection of mammographic abnormalities. Journal of Digital Imaging, 1994, 7, 161-171.	2.9	32
46	Power Calculations for General Linear Multivariate Models Including Repeated Measures Applications. Journal of the American Statistical Association, 1992, 87, 1209-1226.	3.1	191
47	Analysis methods for nonlinear models with compound-symmetric covariance. Communications in Statistics - Theory and Methods, 1992, 21, 1163-1182.	1.0	0
48	Increasing scientific power with statistical power. Neurotoxicology and Teratology, 1992, 14, 211-219.	2.4	99
49	Compensatory tracking in humans with elevated carboxyhemoglobin. Neurotoxicology and Teratology, 1990, 12, 105-110.	2.4	15
50	Approximate Power for Repeated-Measures ANOVA Lacking Sphericity. Journal of the American Statistical Association, 1989, 84, 549-555.	3.1	134
51	The effects of low-level carbon monoxide exposure upon evoked cortical potentials in young and elderly men. Neurotoxicology and Teratology, 1988, 10, 93-100.	2.4	17
52	Absence of symptoms with carboxyhemoglobin levels of 16-23%. Neurotoxicology and Teratology, 1987, 9, 345-348.	2.4	19
53	Practical methods for computing power in testing the multivariate general linear hypothesis. Computational Statistics and Data Analysis, 1984, 2, 143-158.	1.2	75
54	Power for balanced linear mixed models with complex missing data processes. Communications in Statistics - Theory and Methods, 0, , 1-19.	1.0	0