James Algina

List of Publications by Year
in descending order

101 papers	5,580 citations	136950 32 h-index	85541 71 g-index
108 all docs	108 docs citations	108 times ranked	5107 citing authors

#	Article	IF	Citations
1	Generalized Eta and Omega Squared Statistics: Measures of Effect Size for Some Common Research Designs.. Psychological Methods, 2003, 8, 434-447.	3.5	1,191
2	Measures of Effect Size for Comparative Studies: Applications, Interpretations, and Limitations. Contemporary Educational Psychology, 2000, 25, 241-286.	2.9	537
3	Efficacy of Parent-Child Interaction Therapy: Interim Report of a Randomized Trial with Short-Term Maintenance. Journal of Clinical Child and Adolescent Psychology, 1998, 27, 34-45.	2.1	363
4	An Alternative to Cohen's Standardized Mean Difference Effect Size: A Robust Parameter and Confidence Interval in the Two Independent Groups Case.. Psychological Methods, 2005, 10, 317-328.	3.5	219
5	The analysis of repeated measures designs: A review. British Journal of Mathematical and Statistical Psychology, 2001, 54, 1-20.	1.4	207
6	Criterion-Referenced Testing and Measurement: A Review of Technical Issues and Developments. Review of Educational Research, 1978, 48, 1-47.	7.5	194
7	A Note on Estimating the JÃ¶reskog-Yang Model for Latent Variable Interaction Using LISREL 8.3. Structural Equation Modeling, 2001, 8, 40-52.	3.8	144
8	Evaluating the Implementation of the Pyramid Model for Promoting Social-Emotional Competence in Early Childhood Classrooms. Topics in Early Childhood Special Education, 2016, 36, 133-146.	2.2	130
9	Parent-Child Interaction Therapy: Parents' Perceptions of Untreated Siblings. Child and Family Behavior Therapy, 1997, 19, 13-28.	0.6	117
10	A comparison of two approaches for selecting covariance structures in the analysis of repeated measurements. Communications in Statistics Part B: Simulation and Computation, 1998, 27, 591-604.	1.2	105
11	A generally robust approach for testing hypotheses and setting confidence intervals for effect sizes.. Psychological Methods, 2008, 13, 110-129.	3.5	98
12	RELIABILITY OF CRITERION-REFERENCED TESTS: A DECISION-THEORETIC FORMULATION. Journal of Educational Measurement, 1974, 11, 263-267.	1.2	94
13	Comparison of Methods for Estimating and Testing Latent Variable Interactions. Structural Equation Modeling, 2002, 9, 1-19.	3.8	92
14	Sample Size Tables for Correlation Analysis with Applications in Partial Correlation and Multiple Regression Analysis. Multivariate Behavioral Research, 2003, 38, 309-323.	3.1	92
15	The Adequacy of Repeated-Measures Regression for Multilevel Research. Organizational Research Methods, 2006, 9, 5-28.	9.1	68
16	Univariate and Multivariate Omnibus Hypothesis Tests Selected to Control Type I Error Rates When Population Variances Are Not Necessarily Equal. Review of Educational Research, 1996, 66, 137-179.	7.5	65
17	Reducing child problem behaviors and improving teacher-child interactions and relationships: A randomized controlled trial of BEST in CLASS. Early Childhood Research Quarterly, 2018, 42, 31-43.	2.7	61
18	The analysis of repeated measurements: a comparison of mixed-model satterthwaite f tests and a nonpooled adjusted degrees of freedom multivariate test. Communications in Statistics - Theory and Methods, 1999, 28, 2967-2999.	1.0	60

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19	A comparison of recent approaches to the analysis of repeated measurements. British Journal of Mathematical and Statistical Psychology, 1999, 52, 63-78.	1.4	55
20	A Generalized DIF Effect Variance Estimator for Measuring Unsigned Differential Test Functioning in Mixed Format Tests. Journal of Educational Measurement, 2006, 43, 295-312.	1.2	55
21	Type I Error Rates and Power Estimates of Selected Parametric and Nonparametric Tests of Scale. Journal of Educational Statistics, 1987, 12, 45-61.	0.9	54
22	Type I Error Rates for Welchâ€™s Test and Jamesâ€™s Second-Order Test Under Nonnormality and Inequality of Variance When There Are Two Groups. Journal of Educational Statistics, 1994, 19, 275-291.	0.9	50
23	Applying the Liu-Agresti Estimator of the Cumulative Common Odds Ratio to DIF Detection in Polytomous Items. Journal of Educational Measurement, 2003, 40, 353-370.	1.2	49
24	Parametric ANCOVA and the Rank Transform ANCOVA When the Data Are Conditionally Non-Normal and Heteroscedastic. Journal of Educational Statistics, 1984, 9, 129.	0.9	47
25	Confidence Interval Coverage for Cohen's Effect Size Statistic. Educational and Psychological Measurement, 2006, 66, 945-960.	2.4	47
26	Type I error rates for James's second-order test and Wilcox's Hm test under heteroscedasticity and non-normality. British Journal of Mathematical and Statistical Psychology, 1992, 45, 255-263.	1.4	43
27	Effects of Professional Development on Preschool Teachersâ€™ Use of Embedded Instruction Practices. Exceptional Children, 2018, 84, 213-232.	2.2	43
28	Determining Sample Size for Accurate Estimation of the Squared Multiple Correlation Coefficient. Multivariate Behavioral Research, 2000, 35, 119-137.	3.1	40
29	A BAYESIAN DECISION-THEORETIC PROCEDURE FOR USE WITH CRITERION-REFERENCED TESTS1. Journal of Educational Measurement, 1975, 12, 87-98.	1.2	38
30	Detecting repeated measures effects with univariate and multivariate statistics.. , 1997, 2, 208-218.		38
31	Effect Sizes and their Intervals: The Two-Level Repeated Measures Case. Educational and Psychological Measurement, 2005, 65, 241-258.	2.4	35
32	A Review of Nonparametric Alternatives To Analysis of Covariance. Evaluation Review, 1985, 9, 51-83.	1.0	33
33	Implementing the Welch-James Procedure with Factorial Designs. Educational and Psychological Measurement, 1984, 44, 39-48.	2.4	30
34	A Power Comparison of the Welch-James and Improved General Approximation Tests in the Split-Plot Design. Journal of Educational and Behavioral Statistics, 1998, 23, 152-169.	1.7	30
35	Confidence Intervals for an Effect Size Measure in Multiple Linear Regression. Educational and Psychological Measurement, 2007, 67, 207-218.	2.4	30
36	Testing Repeated Measures Hypotheses When Covariance Matrices are Heterogeneous: Revisiting the Robustness of the Welch-James Test Again. Educational and Psychological Measurement, 2000, 60, 925-938.	2.4	29

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37	Testing treatment effects in repeated measures designs: Trimmed means and bootstrapping. British Journal of Mathematical and Statistical Psychology, 2000, 53, 175-191.	1.4	28
38	Type I error rates for Huynh's general approximation and improved general approximation tests. British Journal of Mathematical and Statistical Psychology, 1994, 47, 151-165.	1.4	27
39	Robustness of Yaoâ€™s, Jamesâ€™, and Johansenâ€™s Tests Under Variance-Covariance Heteroscedasticity and Nonnormality. Journal of Educational Statistics, 1991, 16, 125-139.	0.9	24
40	Some Alternative Approximate Tests for a Split Plot Design. Multivariate Behavioral Research, 1994, 29, 365-384.	3.1	24
41	Multigroup Confirmatory Factor Analysis for the Adaptive Behavior Assessment System-II Parent Form, Ages 5â€“21. American Journal on Intellectual and Developmental Disabilites, 2008, 113, 178.	2.4	24
42	Outcomes of the BEST in CLASS Intervention on Teachers' Use of Effective Practices, Self-Efficacy, and Classroom Quality. School Psychology Review, 2019, 48, 31-45.	3.0	24
43	Corollary child outcomes from the Pyramid Model professional development intervention efficacy trial. Early Childhood Research Quarterly, 2021, 54, 204-218.	2.7	24
44	Performance of Four Multivariate Tests Under Variance-Covariance Heteroscedasticity. Multivariate Behavioral Research, 1993, 28, 391-405.	3.1	23
45	Adaptive robust estimation and testing. British Journal of Mathematical and Statistical Psychology, 2007, 60, 267-293.	1.4	22
46	Testing Repeated Measures Hypotheses when Covariance Matrices are Heterogeneous: Revisiting the Robustness of the Welch-James Test. Multivariate Behavioral Research, 1997, 32, 255-274.	3.1	21
47	Cross-Validation Sample Sizes. Applied Psychological Measurement, 2000, 24, 173-179.	1.0	21
48	Sample Sizes for Confidence Intervals on the Increase in the Squared Multiple Correlation Coefficient. Educational and Psychological Measurement, 2001, 61, 633-649.	2.4	21
49	Alternatives to Simonton's analyses of the interrupted and multiple-group time-series designs.. Psychological Bulletin, 1979, 86, 919-926.	6.1	20
50	COMPARISON OF TWO PROCEDURES FOR ANALYZING MULTITRAIT MULTIMETHOD MATRICES. Journal of Educational Measurement, 1979, 16, 177-186.	1.2	20
51	An improved general approximation test for the main effect in a split-plot design. British Journal of Mathematical and Statistical Psychology, 1995, 48, 149-160.	1.4	20
52	A Comparison of Data Analysis Strategies for Testing Omnibus Effects in Higher-Order Repeated Measures Designs. Multivariate Behavioral Research, 2002, 37, 331-357.	3.1	20
53	Analyzing Multivariate Repeated Measures Designs: A Comparison of Two Approximate Degrees of Freedom Procedures. Multivariate Behavioral Research, 2003, 38, 403-431.	3.1	20
54	An analysis of statistical power for parametric ancova and rank transform ancova. Communications in Statistics - Theory and Methods, 1987, 16, 1923-1949.	1.0	19

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55	How Annoying Is It? Defining Parental Tolerance for Child Misbehavior. Child and Family Behavior Therapy, 2003, 25, 1-15.	0.6	19
56	The Consequences of Ignoring Variability in Measurement Occasions Within Data Collection Waves in Latent Growth Models. Multivariate Behavioral Research, 2014, 49, 149-160.	3.1	19
57	A SAS Program for Testing the Hypothesis of the Equal Means Under Heteroscedasticity: James's Second-Order Test. Educational and Psychological Measurement, 1992, 52, 117-118.	2.4	18
58	Type I Error Rates for Yao's and James' Tests of Equality of Mean Vectors under Variance-Covariance Heteroscedasticity. Journal of Educational Statistics, 1988, 13, 281.	0.9	17
59	Confidence Intervals For An Effect Size When Variances Are Not Equal. Journal of Modern Applied Statistical Methods, 2006, 5, 2-13.	0.2	17
60	Analysis Of Quasi-Experimental Time-Series Designs. Multivariate Behavioral Research, 1977, 12, 111-131.	3.1	16
61	Type I Error Probabilities and Power of the Rank and Parametric Ancova Procedures. Journal of Educational Statistics, 1985, 10, 345-367.	0.9	16
62	Type I Error Rates and Power Estimates for Selected Two-Sample Tests of Scale. Journal of Educational Statistics, 1989, 14, 373.	0.9	16
63	The Partial Credit Model and Generalized Partial Credit Model as Constrained Nominal Response Models, With Applications in Mplus. Structural Equation Modeling, 2015, 22, 308-318.	3.8	16
64	Prevention and Treatment of Problem Behaviors in Young Children: Clinical Implications From a Randomized Controlled Trial of BEST in CLASS. AERA Open, 2018, 4, 233285841775037.	2.1	16
65	Tests of Variance Equality When Distributions Differ in Form and Location. Educational and Psychological Measurement, 1988, 48, 317-329.	2.4	15
66	Repeated Measures Interaction Test with Aligned Ranks. Multivariate Behavioral Research, 2003, 38, 433-461.	3.1	15
67	Robustness of Yao's, James', and Johansen's Tests under Variance-Covariance Heteroscedasticity and Nonnormality. Journal of Educational Statistics, 1991, 16, 125.	0.9	14
68	New Test Statistics for MANOVA/Descriptive Discriminant Analysis. Educational and Psychological Measurement, 1996, 56, 382-402.	2.4	14
69	A STUDY OF THE ACCURACY OF SUBKOVIAK'S SINGLE-ADMINISTRATION ESTIMATE OF THE COEFFICIENT OF AGREEMENT USING TWO TRUE-SCORE ESTIMATES. Journal of Educational Measurement, 1978, 15, 101-110.	1.2	14
70	Generalization of Improved General Approximation tests to split-plot designs with multiple between-subjects factors and/or multiple within-subjects factors. British Journal of Mathematical and Statistical Psychology, 1997, 50, 243-252.	1.4	13
71	Multigroup Confirmatory Factor Analysis for the Adaptive Behavior Assessment System-II Parent Form, Ages 5â€“21. American Journal on Intellectual and Developmental Disabilites, 2008, 113, 178.	2.4	13
72	A Procedure for the Analysis of Time-Series Designs. Journal of Experimental Education, 1977, 45, 56-61.	2.6	11

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73	Type I Error Rates and Power Estimates for Selected Two-Sample Tests of Scale. Journal of Educational Statistics, 1989, 14, 373-384.	0.9	11
74	The Effects of Including Observed Means or Latent Means as Covariates in Multilevel Models for Cluster Randomized Trials. Educational and Psychological Measurement, 2016, 76, 803-823.	2.4	11
75	Robustness of the independent samples Hotelling's TÂ² to variance^covariance heteroscedasticity when sample sizes are unequal and in small ratios.. Psychological Bulletin, 1990, 108, 308-313.	6.1	10
76	A comparative study of robust tests for spread: Asymmetric trimming strategies. British Journal of Mathematical and Statistical Psychology, 2008, 61, 235-253.	1.4	10
77	Factors Associated with Teacher Delivery of a Classroom-Based Tier 2 Prevention Program. Prevention Science, 2018, 19, 186-196.	2.6	10
78	Type I Error Rates For A One Factor Within-Subjects Design With Missing Values. Journal of Modern Applied Statistical Methods, 2004, 3, 406-416.	0.2	10
79	On Sample Size Requirements for Johansenâ€™s Test. Journal of Educational and Behavioral Statistics, 1996, 21, 169-178.	1.7	8
80	Sample Size Requirements for Accurate Estimation of Squared Semi-Partial Correlation Coefficients. Multivariate Behavioral Research, 2002, 37, 37-57.	3.1	8
81	Note on a Confidence Interval for the Squared Semipartial Correlation Coefficient. Educational and Psychological Measurement, 2008, 68, 734-741.	2.4	8
82	Type I Error Probabilities and Power of the Rank and Parametric ANCOVA Procedures. Journal of Educational Statistics, 1985, 10, 345.	0.9	7
83	Adaptive Behavior Assessment System-II Parent/Primary Caregiver Form: Ages 0â€“5: Its Factor Structure and Other Implications for Practice. Journal of Applied School Psychology, 2011, 27, 103-117.	0.9	7
84	Type I Error Rates for Yaoâ€™s and James Tests of Equality of Mean Vectors Under VarianceCovariance Heteroscedasticity. Journal of Educational Statistics, 1988, 13, 281-290.	0.9	6
85	Population Validity and Cross-Validity. Educational and Psychological Measurement, 2008, 68, 233-244.	2.4	6
86	Confidence Intervals for Squared Semipartial Correlation Coefficients: The Effect of Nonnormality. Educational and Psychological Measurement, 2010, 70, 926-940.	2.4	6
87	Models for Semiordered Data to Address Not Applicable Responses in Scale Measurement. Structural Equation Modeling, 2018, 25, 230-243.	3.8	6
88	Robust Confidence Intervals for Effect Size in the Two-Group Case. Journal of Modern Applied Statistical Methods, 2005, 4, 353-371.	0.2	6
89	On the validity of examinations for making promotions decisions in medical education. Medical Education, 1978, 12, 82-87.	2.1	4
90	Using Generalizability Theory to Examine the Dependability of Scores From the Learning Target Rating Scale. Topics in Early Childhood Special Education, 2017, 37, 164-175.	2.2	4

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91	Comparison of model- and design-based approaches to detect the treatment effect and covariate by treatment interactions in three-level models for multisite cluster-randomized trials. Behavior Research Methods, 2019, 51, 243-257.	4.0	4
92	Can the Same Instrument Be Used to Measure Sex-Role Perceptions of Males and Females?. Measurement and Evaluation in Counseling and Development, 1984, 17, 15-23.	2.3	3
93	Multiple Group Time-Series Design. Evaluation Review, 1982, 6, 203-232.	1.0	2
94	A Maximum Test for Scale: Type I Error Rates and Power. Journal of Educational and Behavioral Statistics, 1995, 20, 27-39.	1.7	2
95	Best Linear Unbiased Prediction of Latent Means in Three-Level Data. Journal of Experimental Education, 0, , 1-17.	2.6	2
96	Dawson, K. S., Gennings, C., and Carter, W. H. (1997), â€œTwo Graphical Techniques Useful in Detecting Correlation Structure in Repeated Measures Data,â€The American Statistician, 51, 275â€“283: Comment by Keselman, Algina, and Kowalchuk. American Statistician, 2000, 54, 157-158.	1.6	1
97	Examining young childrenâ€™s social competence using functional ability profiles. Disability and Rehabilitation, 2018, 40, 2987-2997.	1.8	1
98	A Maximum Test for Scale: Type I Error Rates and Power. Journal of Educational and Behavioral Statistics, 1995, 20, 27.	1.7	0
99	On Sample Size Requirements for Johansen's Test. Journal of Educational and Behavioral Statistics, 1996, 21, 169.	1.7	0
100	A Power Comparison of the Welch-James and Improved General Approximation Tests in the Split-Plot Design. Journal of Educational and Behavioral Statistics, 1998, 23, 152.	1.7	0
101	Expanding Frontiers in Research Designs, Methods, and Measurement in Support of Evidence-Based Practice in Early Childhood Special Education. , 2016, , 501-539.		0