

Zhiyong Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,370
citations

236925

25
h-index

233421

45
g-index

82
all docs

82
docs citations

82
times ranked

2621
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Univariate and multivariate skewness and kurtosis for measuring nonnormality: Prevalence, influence and estimation. <i>Behavior Research Methods</i> , 2017, 49, 1716-1735. | 4.0 | 520 |
| 2 | Investigating Ceiling Effects in Longitudinal Data Analysis. <i>Multivariate Behavioral Research</i> , 2008, 43, 476-496. | 3.1 | 200 |
| 3 | Bayesian analysis of longitudinal data using growth curve models. <i>International Journal of Behavioral Development</i> , 2007, 31, 374-383. | 2.4 | 112 |
| 4 | Robust Coefficients Alpha and Omega and Confidence Intervals With Outlying Observations and Missing Data. <i>Educational and Psychological Measurement</i> , 2016, 76, 387-411. | 2.4 | 108 |
| 5 | Monte Carlo based statistical power analysis for mediation models: methods and software. <i>Behavior Research Methods</i> , 2014, 46, 1184-1198. | 4.0 | 87 |
| 6 | Depression and cancer survivorship: importance of coping self-efficacy in post-treatment survivors. <i>Psycho-Oncology</i> , 2013, 22, 987-994. | 2.3 | 81 |
| 7 | Fit for a Bayesian: An Evaluation of PPP and DIC for Structural Equation Modeling. <i>Structural Equation Modeling</i> , 2019, 26, 39-50. | 3.8 | 73 |
| 8 | Comparing Exploratory Structural Equation Modeling and Existing Approaches for Multiple Regression with Latent Variables. <i>Structural Equation Modeling</i> , 2018, 25, 737-749. | 3.8 | 64 |
| 9 | Parenting and the socialization of religiousness and spirituality.. <i>Psychology of Religion and Spirituality</i> , 2011, 3, 217-230. | 1.3 | 53 |
| 10 | Methods for Mediation Analysis with Missing Data. <i>Psychometrika</i> , 2013, 78, 154-184. | 2.1 | 53 |
| 11 | Statistical power analysis for growth curve models using SAS. <i>Behavior Research Methods</i> , 2009, 41, 1083-1094. | 4.0 | 50 |
| 12 | Robust Structural Equation Modeling with Missing Data and Auxiliary Variables. <i>Psychometrika</i> , 2012, 77, 803-826. | 2.1 | 50 |
| 13 | Comparisons of Four Methods for Estimating a Dynamic Factor Model. <i>Structural Equation Modeling</i> , 2008, 15, 377-402. | 3.8 | 49 |
| 14 | Time and Other Considerations in Mediation Design. <i>Educational and Psychological Measurement</i> , 2018, 78, 952-972. | 2.4 | 47 |
| 15 | Bayesian Inference and Application of Robust Growth Curve Models Using Student's t Distribution. <i>Structural Equation Modeling</i> , 2013, 20, 47-78. | 3.8 | 44 |
| 16 | Comparison of Inverse Wishart and Separation-Strategy Priors for Bayesian Estimation of Covariance Parameter Matrix in Growth Curve Analysis. <i>Structural Equation Modeling</i> , 2016, 23, 354-367. | 3.8 | 41 |
| 17 | Bayesian Estimation of Categorical Dynamic Factor Models. <i>Multivariate Behavioral Research</i> , 2007, 42, 729-756. | 3.1 | 40 |
| 18 | Examining Change in Cortisol Patterns During the 10-Week Transition to a New Child-Care Setting. <i>Child Development</i> , 2015, 86, 456-471. | 3.0 | 39 |

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|----|--|-----|-----------|
| 19 | Modeling Nonlinear Change via Latent Change and Latent Acceleration Frameworks: Examining Velocity and Acceleration of Growth Trajectories. <i>Multivariate Behavioral Research</i> , 2013, 48, 117-143. | 3.1 | 37 |
| 20 | Using Threshold Autoregressive Models to Study Dyadic Interactions. <i>Psychometrika</i> , 2009, 74, 727-745. | 2.1 | 32 |
| 21 | Measuring Circadian Advantage in Major League Baseball: A 10-Year Retrospective Study. <i>International Journal of Sports Physiology and Performance</i> , 2009, 4, 394-401. | 2.3 | 30 |
| 22 | Bayesian Inference for Growth Mixture Models with Latent Class Dependent Missing Data. <i>Multivariate Behavioral Research</i> , 2011, 46, 567-597. | 3.1 | 29 |
| 23 | Estimating and Testing Mediation Effects with Censored Data. <i>Structural Equation Modeling</i> , 2011, 18, 18-34. | 3.8 | 27 |
| 24 | Diagnostics of Robust Growth Curve Modeling Using Student's <i>t</i> Distribution. <i>Multivariate Behavioral Research</i> , 2012, 47, 493-518. | 3.1 | 26 |
| 25 | Correlates of individual, and age-related, differences in short-term learning. <i>Learning and Individual Differences</i> , 2007, 17, 231-240. | 2.7 | 25 |
| 26 | Daily religious involvement, spirituality, and moral emotions.. <i>Psychology of Religion and Spirituality</i> , 2014, 6, 338-348. | 1.3 | 25 |
| 27 | Evaluation of Test Statistics for Robust Structural Equation Modeling With Nonnormal Missing Data. <i>Structural Equation Modeling</i> , 2014, 21, 553-565. | 3.8 | 23 |
| 28 | Trivariate Modeling of Interparental Conflict and Adolescent Emotional Security: An Examination of Mother-Father-Child Dynamics. <i>Journal of Youth and Adolescence</i> , 2016, 45, 2336-2352. | 3.5 | 23 |
| 29 | Modeling error distributions of growth curve models through Bayesian methods. <i>Behavior Research Methods</i> , 2016, 48, 427-444. | 4.0 | 23 |
| 30 | Bayesian growth curve models with the generalized error distribution. <i>Journal of Applied Statistics</i> , 2013, 40, 1779-1795. | 1.3 | 21 |
| 31 | Perceived discrimination, coping, and quality of life for African-American and Caucasian persons with cancer.. <i>Cultural Diversity and Ethnic Minority Psychology</i> , 2015, 21, 337-344. | 2.0 | 21 |
| 32 | Structural Equation Modeling Diagnostics Using R Package semdiag and EQS. <i>Structural Equation Modeling</i> , 2012, 19, 683-702. | 3.8 | 18 |
| 33 | A SAS Interface for Bayesian Analysis With WinBUGS. <i>Structural Equation Modeling</i> , 2008, 15, 705-728. | 3.8 | 17 |
| 34 | Analyzing Multiple Multivariate Time Series Data Using Multilevel Dynamic Factor Models. <i>Multivariate Behavioral Research</i> , 2014, 49, 67-77. | 3.1 | 17 |
| 35 | Robust growth mixture models with non-ignorable missingness: Models, estimation, selection, and application. <i>Computational Statistics and Data Analysis</i> , 2014, 71, 220-240. | 1.2 | 17 |
| 36 | A method of generating multivariate non-normal random numbers with desired multivariate skewness and kurtosis. <i>Behavior Research Methods</i> , 2020, 52, 939-946. | 4.0 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Evaluation of a Bayesian Approach to Estimating Nonlinear Mixed-Effects Mixture Models. <i>Structural Equation Modeling</i> , 2015, 22, 202-215. | 3.8 | 16 |
| 38 | Using R Package RAMpath for Tracing SEM Path Diagrams and Conducting Complex Longitudinal Data Analysis. <i>Structural Equation Modeling</i> , 2015, 22, 132-147. | 3.8 | 15 |
| 39 | Bias and Efficiency for SEM With Missing Data and Auxiliary Variables: Two-Stage Robust Method Versus Two-Stage ML. <i>Structural Equation Modeling</i> , 2015, 22, 178-192. | 3.8 | 15 |
| 40 | Measurement Models, Estimation, and the Study of Change. <i>Structural Equation Modeling</i> , 2013, 20, 504-517. | 3.8 | 14 |
| 41 | Growth rate models: emphasizing growth rate analysis through growth curve modeling. <i>Journal of Applied Statistics</i> , 2012, 39, 1241-1262. | 1.3 | 13 |
| 42 | Software Packages for Bayesian Multilevel Modeling. <i>Structural Equation Modeling</i> , 2018, 25, 650-658. | 3.8 | 12 |
| 43 | On the Correspondence between the Latent Growth Curve and Latent Change Score Models. <i>Structural Equation Modeling</i> , 2019, 26, 623-635. | 3.8 | 11 |
| 44 | Reliable and More Powerful Methods for Power Analysis in Structural Equation Modeling. <i>Structural Equation Modeling</i> , 2017, 24, 315-330. | 3.8 | 10 |
| 45 | Logistic regression with misclassification in binary outcome variables: a method and software. <i>Behaviormetrika</i> , 2017, 44, 447-476. | 1.3 | 10 |
| 46 | WebBUGS: Conducting Bayesian Statistical Analysis Online. <i>Journal of Statistical Software</i> , 2014, 61, . | 3.7 | 9 |
| 47 | A note on the robustness of a full Bayesian method for nonignorable missing data analysis. <i>Brazilian Journal of Probability and Statistics</i> , 2012, 26, . | 0.4 | 8 |
| 48 | Structural Equation Modeling of Social Networks: Specification, Estimation, and Application. <i>Multivariate Behavioral Research</i> , 2018, 53, 714-730. | 3.1 | 8 |
| 49 | Social Network Mediation Analysis: A Latent Space Approach. <i>Psychometrika</i> , 2021, 86, 272-298. | 2.1 | 8 |
| 50 | Mediation Analysis with Missing Data Through Multiple Imputation and Bootstrap. <i>Springer Proceedings in Mathematics and Statistics</i> , 2015, , 341-355. | 0.2 | 8 |
| 51 | Outlying Observation Diagnostics in Growth Curve Modeling. <i>Multivariate Behavioral Research</i> , 2017, 52, 768-788. | 3.1 | 7 |
| 52 | Daily moral identity: Linkages with integrity and compassion. <i>Journal of Personality</i> , 2022, 90, 663-674. | 3.2 | 7 |
| 53 | Higher-Order Factor Invariance and Idiographic Mapping of Constructs to Observables. <i>Applied Developmental Science</i> , 2011, 15, 186-200. | 1.7 | 6 |
| 54 | Bayes factor in one-sample tests of means with a sensitivity analysis: A discussion of separate prior distributions. <i>Behavior Research Methods</i> , 2019, 51, 1998-2021. | 4.0 | 6 |

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|----|---|-----|-----------|
| 55 | Testing autocorrelation and partial autocorrelation: Asymptotic methods versus resampling techniques. <i>British Journal of Mathematical and Statistical Psychology</i> , 2018, 71, 96-116. | 1.4 | 5 |
| 56 | A Note on Wishart and Inverse Wishart Priors for Covariance Matrix. <i>Journal of Behavioral Data Science</i> , 2021, 1, . | 0.5 | 5 |
| 57 | Bayesian meta-analysis of correlation coefficients through power prior. <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 11988-12007. | 1.0 | 4 |
| 58 | Network Mediation Analysis Using Model-Based Eigenvalue Decomposition. <i>Structural Equation Modeling</i> , 2021, 28, 148-161. | 3.8 | 4 |
| 59 | Bayesian Methods and Model Selection for Latent Growth Curve Models with Missing Data. <i>Springer Proceedings in Mathematics and Statistics</i> , 2013, , 275-304. | 0.2 | 4 |
| 60 | Fit indices for mean structures with growth curve models.. <i>Psychological Methods</i> , 2019, 24, 36-53. | 3.5 | 4 |
| 61 | Robust Bayesian Approaches in Growth Curve Modeling: Using Student's t Distributions versus a Semiparametric Method. <i>Structural Equation Modeling</i> , 2020, 27, 544-560. | 3.8 | 3 |
| 62 | Fuzzy Cognitive Maps-Based Switched-Mode Power Supply Design Assistant System. <i>IEEE Access</i> , 2020, 8, 183014-183024. | 4.2 | 2 |
| 63 | Bayesian Approach to Non-ignorable Missingness in Latent Growth Models. <i>Journal of Behavioral Data Science</i> , 2021, 1, 1-30. | 0.5 | 1 |
| 64 | Statistical Power Analysis for Comparing Means with Binary or Count Data Based on Analogous ANOVA. <i>Springer Proceedings in Mathematics and Statistics</i> , 2017, , 381-393. | 0.2 | 1 |
| 65 | Comparison of Methods for Imputing Social Network Data. <i>Journal of Data Science</i> , 2022, , 1-20. | 0.9 | 1 |
| 66 | Bayesian hypothesis testing of mediation: Methods and the impact of prior odds specifications. <i>Behavior Research Methods</i> , 2022, , . | 4.0 | 1 |
| 67 | A Longitudinal Social Network Clustering Method Based on Tie Strength. , 2018, , . | | 0 |
| 68 | Bayesian Supervised Topic Modeling with Covariates. <i>Multivariate Behavioral Research</i> , 2020, 55, 141-141. | 3.1 | 0 |
| 69 | What is Data Science? An Operational Definition based on Text Mining of Data Science Curricula. <i>Journal of Behavioral Data Science</i> , 2021, 1, 1-16. | 0.5 | 0 |
| 70 | Birds of a Feather Flock Together and Opposites Attract: The Nonlinear Relationship Between Personality and Friendship. <i>Journal of Behavioral Data Science</i> , 2021, 1, 34-52. | 0.5 | 0 |
| 71 | Issues in Aggregating Time Series: Illustration Through an AR(1) Model. <i>Springer Proceedings in Mathematics and Statistics</i> , 2015, , 357-370. | 0.2 | 0 |
| 72 | An Application of Aspect-Based Sentiment Analysis on Teaching Evaluation. , 2020, , . | | 0 |

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|----|---|-----|-----------|
| 73 | Permutation Test of Regression Coefficients in Social Network Data Analysis. Springer Proceedings in Mathematics and Statistics, 2020, , 377-387. | 0.2 | 0 |