

Zhiyong Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7463382/publications.pdf>

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	Daily moral identity: Linkages with integrity and compassion. <i>Journal of Personality</i> , 2022, 90, 663-674.	3.2	7
2	Comparison of Methods for Imputing Social Network Data. <i>Journal of Data Science</i> , 2022, , 1-20.	0.9	1
3	Bayesian hypothesis testing of mediation: Methods and the impact of prior odds specifications. <i>Behavior Research Methods</i> , 2022, , .	4.0	1
4	Network Mediation Analysis Using Model-Based Eigenvalue Decomposition. <i>Structural Equation Modeling</i> , 2021, 28, 148-161.	3.8	4
5	Social Network Mediation Analysis: A Latent Space Approach. <i>Psychometrika</i> , 2021, 86, 272-298.	2.1	8
6	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
7	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
8	Bayesian Approach to Non-ignorable Missingness in Latent Growth Models. <i>Journal of Behavioral Data Science</i> , 2021, 1, 1-30.	0.5	1
9	A Note on Wishart and Inverse Wishart Priors for Covariance Matrix. <i>Journal of Behavioral Data Science</i> , 2021, 1, .	0.5	5
10	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
11	Bayesian Supervised Topic Modeling with Covariates. <i>Multivariate Behavioral Research</i> , 2020, 55, 141-141.	3.1	0
12	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
13	Fuzzy Cognitive Maps-Based Switched-Mode Power Supply Design Assistant System. <i>IEEE Access</i> , 2020, 8, 183014-183024.	4.2	2
14	An Application of Aspect-Based Sentiment Analysis on Teaching Evaluation. , 2020, , .		0
15	Permutation Test of Regression Coefficients in Social Network Data Analysis. <i>Springer Proceedings in Mathematics and Statistics</i> , 2020, , 377-387.	0.2	0
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Fit indices for mean structures with growth curve models.. Psychological Methods, 2019, 24, 36-53.	3.5	4
20	Software Packages for Bayesian Multilevel Modeling. Structural Equation Modeling, 2018, 25, 650-658.	3.8	12
21	Time and Other Considerations in Mediation Design. Educational and Psychological Measurement, 2018, 78, 952-972.	2.4	47
22	Comparing Exploratory Structural Equation Modeling and Existing Approaches for Multiple Regression with Latent Variables. Structural Equation Modeling, 2018, 25, 737-749.	3.8	64
23	Testing autocorrelation and partial autocorrelation: Asymptotic methods versus resampling techniques. British Journal of Mathematical and Statistical Psychology, 2018, 71, 96-116.	1.4	5
24	A Longitudinal Social Network Clustering Method Based on Tie Strength. , 2018, , .		0
25	Structural Equation Modeling of Social Networks: Specification, Estimation, and Application. Multivariate Behavioral Research, 2018, 53, 714-730.	3.1	8
26	Reliable and More Powerful Methods for Power Analysis in Structural Equation Modeling. Structural Equation Modeling, 2017, 24, 315-330.	3.8	10
27	Bayesian meta-analysis of correlation coefficients through power prior. Communications in Statistics - Theory and Methods, 2017, 46, 11988-12007.	1.0	4
28	Outlying Observation Diagnostics in Growth Curve Modeling. Multivariate Behavioral Research, 2017, 52, 768-788.	3.1	7
29	Univariate and multivariate skewness and kurtosis for measuring nonnormality: Prevalence, influence and estimation. Behavior Research Methods, 2017, 49, 1716-1735.	4.0	520
30	Logistic regression with misclassification in binary outcome variables: a method and software. Behaviormetrika, 2017, 44, 447-476.	1.3	10
31	Statistical Power Analysis for Comparing Means with Binary or Count Data Based on Analogous ANOVA. Springer Proceedings in Mathematics and Statistics, 2017, , 381-393.	0.2	1
32	Trivariate Modeling of Interparental Conflict and Adolescent Emotional Security: An Examination of Motherâ€™Fatherâ€™Child Dynamics. Journal of Youth and Adolescence, 2016, 45, 2336-2352.	3.5	23
33	Comparison of Inverse Wishart and Separation-Strategy Priors for Bayesian Estimation of Covariance Parameter Matrix in Growth Curve Analysis. Structural Equation Modeling, 2016, 23, 354-367.	3.8	41
34	Modeling error distributions of growth curve models through Bayesian methods. Behavior Research Methods, 2016, 48, 427-444.	4.0	23
35	Robust Coefficients Alpha and Omega and Confidence Intervals With Outlying Observations and Missing Data. Educational and Psychological Measurement, 2016, 76, 387-411.	2.4	108
36	Perceived discrimination, coping, and quality of life for African-American and Caucasian persons with cancer.. Cultural Diversity and Ethnic Minority Psychology, 2015, 21, 337-344.	2.0	21

#	ARTICLE	IF	CITATIONS
37	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
38	Evaluation of a Bayesian Approach to Estimating Nonlinear Mixed-Effects Mixture Models. <i>Structural Equation Modeling</i> , 2015, 22, 202-215.	3.8	16
39	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
40	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
41	Mediation Analysis with Missing Data Through Multiple Imputation and Bootstrap. <i>Springer Proceedings in Mathematics and Statistics</i> , 2015, , 341-355.	0.2	8
42	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
43	Analyzing Multiple Multivariate Time Series Data Using Multilevel Dynamic Factor Models. <i>Multivariate Behavioral Research</i> , 2014, 49, 67-77.	3.1	17
44	Monte Carlo based statistical power analysis for mediation models: methods and software. <i>Behavior Research Methods</i> , 2014, 46, 1184-1198.	4.0	87
45	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
46	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
47	Daily religious involvement, spirituality, and moral emotions.. <i>Psychology of Religion and Spirituality</i> , 2014, 6, 338-348.	1.3	25
48	WebBUGS: Conducting Bayesian Statistical Analysis Online. <i>Journal of Statistical Software</i> , 2014, 61, .	3.7	9
49	Depression and cancer survivorship: importance of coping self-efficacy in post-treatment survivors. <i>Psycho-Oncology</i> , 2013, 22, 987-994.	2.3	81
50	Methods for Mediation Analysis with Missing Data. <i>Psychometrika</i> , 2013, 78, 154-184.	2.1	53
51	Measurement Models, Estimation, and the Study of Change. <i>Structural Equation Modeling</i> , 2013, 20, 504-517.	3.8	14
52	Bayesian Inference and Application of Robust Growth Curve Models Using Student's <i>t</i> Distribution. <i>Structural Equation Modeling</i> , 2013, 20, 47-78.	3.8	44
53	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
54	Bayesian growth curve models with the generalized error distribution. <i>Journal of Applied Statistics</i> , 2013, 40, 1779-1795.	1.3	21

#	ARTICLE	IF	CITATIONS
55	Bayesian Methods and Model Selection for Latent Growth Curve Models with Missing Data. Springer Proceedings in Mathematics and Statistics, 2013, , 275-304.	0.2	4
56	Diagnostics of Robust Growth Curve Modeling Using Student's t Distribution. Multivariate Behavioral Research, 2012, 47, 493-518.	3.1	26
57	A note on the robustness of a full Bayesian method for nonignorable missing data analysis. Brazilian Journal of Probability and Statistics, 2012, 26, .	0.4	8
58	Structural Equation Modeling Diagnostics Using R Package semdiag and EQS. Structural Equation Modeling, 2012, 19, 683-702.	3.8	18
59	Growth rate models: emphasizing growth rate analysis through growth curve modeling. Journal of Applied Statistics, 2012, 39, 1241-1262.	1.3	13
60	Robust Structural Equation Modeling with Missing Data and Auxiliary Variables. Psychometrika, 2012, 77, 803-826.	2.1	50
61	Estimating and Testing Mediation Effects with Censored Data. Structural Equation Modeling, 2011, 18, 18-34.	3.8	27
62	Parenting and the socialization of religiousness and spirituality.. Psychology of Religion and Spirituality, 2011, 3, 217-230.	1.3	53
63	Higher-Order Factor Invariance and Idiographic Mapping of Constructs to Observables. Applied Developmental Science, 2011, 15, 186-200.	1.7	6
64	Bayesian Inference for Growth Mixture Models with Latent Class Dependent Missing Data. Multivariate Behavioral Research, 2011, 46, 567-597.	3.1	29
65	Using Threshold Autoregressive Models to Study Dyadic Interactions. Psychometrika, 2009, 74, 727-745.	2.1	32
66	Statistical power analysis for growth curve models using SAS. Behavior Research Methods, 2009, 41, 1083-1094.	4.0	50
67	Measuring Circadian Advantage in Major League Baseball: A 10-Year Retrospective Study. International Journal of Sports Physiology and Performance, 2009, 4, 394-401.	2.3	30
68	A SAS Interface for Bayesian Analysis With WinBUGS. Structural Equation Modeling, 2008, 15, 705-728.	3.8	17
69	Comparisons of Four Methods for Estimating a Dynamic Factor Model. Structural Equation Modeling, 2008, 15, 377-402.	3.8	49
70	Investigating Ceiling Effects in Longitudinal Data Analysis. Multivariate Behavioral Research, 2008, 43, 476-496.	3.1	200
71	Bayesian analysis of longitudinal data using growth curve models. International Journal of Behavioral Development, 2007, 31, 374-383.	2.4	112
72	Correlates of individual, and age-related, differences in short-term learning. Learning and Individual Differences, 2007, 17, 231-240.	2.7	25

#	ARTICLE	IF	CITATIONS
73	Bayesian Estimation of Categorical Dynamic Factor Models. <i>Multivariate Behavioral Research</i> , 2007, 42, 729-756.	3.1	40