

Kimberly F Sellers

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

634
citations

933447

10
h-index

610901

24
g-index

28
all docs

28
docs citations

28
times ranked

465
citing authors

#	ARTICLE	IF	CITATIONS
1	A flexible regression model for count data. <i>Annals of Applied Statistics</i> , 2010, 4, .	1.1	193
2	The COM-Poisson model for count data: a survey of methods and applications. <i>Applied Stochastic Models in Business and Industry</i> , 2012, 28, 104-116.	1.5	142
3	A generalized statistical control chart for over- or under-dispersed data. <i>Quality and Reliability Engineering International</i> , 2012, 28, 59-65.	2.3	49
4	A flexible zero-inflated model to address data dispersion. <i>Computational Statistics and Data Analysis</i> , 2016, 99, 68-80.	1.2	45
5	Bivariate Conway-Maxwell-Poisson distribution: Formulation, properties, and inference. <i>Journal of Multivariate Analysis</i> , 2016, 150, 152-168.	1.0	30
6	Data Dispersion: Now You See It Now You Don't. <i>Communications in Statistics - Theory and Methods</i> , 2013, 42, 3134-3147.	1.0	28
7	Underdispersion models: Models that are "under the radar". <i>Communications in Statistics - Theory and Methods</i> , 2017, 46, 12075-12086.	1.0	26
8	Lights, Camera, Action! Systematic variation in 2-D difference gel electrophoresis images. <i>Electrophoresis</i> , 2007, 28, 3324-3332.	2.4	19
9	<scp>Conway-Maxwell-Poisson</scp> regression models for dispersed count data. <i>Wiley Interdisciplinary Reviews: Computational Statistics</i> , 2021, 13, e1533.	3.9	15
10	Bridging the Gap: A Generalized Stochastic Process for Count Data. <i>American Statistician</i> , 2017, 71, 71-80.	1.6	14
11	Zero-inflated sum of Conway-Maxwell-Poissons (ZISCMP) regression. <i>Journal of Statistical Computation and Simulation</i> , 2019, 89, 1649-1673.	1.2	11
12	A Flexible Univariate Autoregressive Time Series Model for Dispersed Count Data. <i>Journal of Time Series Analysis</i> , 2020, 41, 436-453.	1.2	9
13	Modelling the effect of climate change on prevalence of malaria in western Africa. <i>Statistica Neerlandica</i> , 2010, 64, 388-400.	1.6	7
14	The effect of latency variables on repeated measures inference applied to the measurement of risk-taking as a function of psychopathy. <i>Quality and Quantity</i> , 2013, 47, 15-26.	3.7	7
15	A flexible distribution class for count data. <i>Journal of Statistical Distributions and Applications</i> , 2017, 4, .	1.2	7
16	A comparison of imputation procedures and statistical tests for the analysis of two-dimensional electrophoresis data. <i>Proteome Science</i> , 2010, 8, 66.	1.7	6
17	A flexible regression model for zero- and k-inflated count data. <i>Journal of Statistical Computation and Simulation</i> , 2021, 91, 1815-1845.	1.2	5
18	Feature Detection Techniques for Preprocessing Proteomic Data. <i>International Journal of Biomedical Imaging</i> , 2010, 2010, 1-9.	3.9	4

#	ARTICLE	IF	CITATIONS
19	Race Matters: Analyzing the Relationship between Colorectal Cancer Mortality Rates and Various Factors within Respective Racial Groups. <i>Frontiers in Public Health</i> , 2014, 2, 239.	2.7	3
20	A Conway-Maxwell-multinomial distribution for flexible modeling of clustered categorical data. <i>Journal of Multivariate Analysis</i> , 2020, 179, 104651.	1.0	3
21	A flexible univariate moving average time-series model for dispersed count data. <i>Journal of Statistical Distributions and Applications</i> , 2021, 8, .	1.2	3
22	A Flexible Multivariate Distribution for Correlated Count Data. <i>Stats</i> , 2021, 4, 308-326.	0.9	3
23	A flexible bivariate distribution for count data expressing data dispersion. <i>Communications in Statistics - Theory and Methods</i> , 0, , 1-27.	1.0	2
24	A Flexible Mixed Model for Clustered Count Data. <i>Stats</i> , 2022, 5, 52-69.	0.9	2
25	Xerogel package. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2009, 96, 70-74.	3.5	0
26	Rejoinder: The COM-Poisson Model for count data: A survey of methods and applications. <i>Applied Stochastic Models in Business and Industry</i> , 2012, 28, 128-129.	1.5	0