Daniel Gerhard

List of Publications by Year
in descending order

28 papers	2,691 citations	1040056 9 h-index	501196 28 g-index
29 all docs	29 docs citations	29 times ranked	5297 citing authors

#	Article	IF	Citations
1	Dose-Response Analysis Using R. PLoS ONE, 2015, 10, e0146021.	2.5	2,265
2	Human embryonic stem cell-derived test systems for developmental neurotoxicity: a transcriptomics approach. Archives of Toxicology, 2013, 87, 123-143.	4.2	222
3	The psychiatric vulnerability gene CACNA1C and its sex-specific relationship with personality traits, resilience factors and depressive symptoms in the general population. Molecular Psychiatry, 2013, 18, 607-613.	7.9	47
4	A Unified Framework for Benchmark Dose Estimation Applied to Mixed Models and Model Averaging. Statistics in Biopharmaceutical Research, 2013, 5, 79-90.	0.8	17
5	Two new approaches to improve the analysis of BALB/c 3T3 cell transformation assay data. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 744, 36-41.	1.7	14
6	Assessing and developing the written reflective practice skills of speech-language pathology students. International Journal of Speech-Language Pathology, 2019, 21, 46-55.	1.2	12
7	Re-evaluation of groundwater monitoring data for glyphosate and bentazone by taking detection limits into account. Science of the Total Environment, 2015, 536, 68-71.	8.0	10
8	Modeling the oxygen uptake kinetics during exercise testing of patients with chronic obstructive pulmonary diseases using nonlinear mixed models. BMC Medical Research Methodology, 2016, 16, 66.	3.1	10
9	Risk assessment and the use of novel shortcuts in spatial detouring tasks in jumping spiders. Behavioral Ecology, 2019, 30, 1488-1498.	2.2	10
10	Statistical evaluation of the in vivo micronucleus assay. Archives of Toxicology, 2009, 83, 625-634.	4.2	9
11	Identification of the Minimum Effective Dose for Normally Distributed Endpoints Using a Model Selection Approach. Statistics in Biopharmaceutical Research, 2014, 6, 55-66.	0.8	7
12	Size doesn't matter: Larger Carapa seeds are not dispersed farther by African rodent community. African Journal of Ecology, 2018, 56, 1028-1033.	0.9	7
13	Statistical aspects of design and validation of microtitreâ€plateâ€based linear and nonâ€linear parallel <i>in vitro</i> bioassays. Biotechnology Journal, 2010, 5, 62-74.	3.5	5
14	Rank Transformation in Haseman-Elston Regression Using Scores for Location-Scale Alternatives. Human Heredity, 2010, 69, 143-151.	0.8	5
15	Model-specific tests on variance heterogeneity for detection of potentially interacting genetic loci. BMC Genetics, 2012, 13, 59.	2.7	5
16	Simultaneous confidence intervals for comparisons of several multinomial samples. Computational Statistics and Data Analysis, 2017, 106, 65-76.	1.2	5
17	Distance assessment of detours by jumping spiders. Environmental Epigenetics, 2020, 66, 263-273.	1.8	5
18	Seed nutrient content rather than size influences seed dispersal by scatterhoarding rodents in a West African montane forest. Journal of Tropical Ecology, 2020, 36, 174-181.	1.1	5

#	ARTICLE	IF	CITATIONS
19	Parametric and non-parametric prediction intervals based phase II control charts for repeated bioassay data. Biologicals, 2009, 37, 323-330.	1.4	4
20	Methionine restriction inhibits chemically-induced malignant transformation in the BALB/c 3T3 cell transformation assay. Food and Chemical Toxicology, 2016, 95, 196-202.	3.6	4
21	Simultaneous Small Sample Inference for Linear Combinations of Generalized Linear Model Parameters. Communications in Statistics Part B: Simulation and Computation, 2016, 45, 2678-2690.	1.2	4
22	Low fruit-crop years of Carapa oreophila drive increased seed removal and predation by scatterhoarding rodents in a West African forest. Acta Oecologica, 2019, 99, 103448.	1.1	4
23	Joint One-Sided and Two-Sided Simultaneous Confidence Intervals. Journal of Biopharmaceutical Statistics, 2008, 18, 293-306.	0.8	3
24	Detection of a related difference in efficacy of azadirachtin treatments for the control of whiteflies on <i>Gerbera jamesonii</i> by testing for interactions in generalised linear models. Pest Management Science, 2010, 66, 358-364.	3.4	3
25	Estimating marginal properties of quantitative real–time PCR data using nonlinear mixed models. Biometrics, 2014, 70, 247-254.	1.4	3
26	Identification of the minimum effective dose for normally distributed data using a Bayesian variable selection approach. Journal of Biopharmaceutical Statistics, 2017, 27, 1073-1088.	0.8	3
27	On correlation analysis of many–to–many observations: an alternative to Pearson's correlation coefficient and its application to an ecotoxicological study. Australian and New Zealand Journal of Statistics, 2017, 59, 371-387.	0.9	2
28	Influence of nutrient loading on reactions upon frost and drought stress of Rosa majalis. European Journal of Horticultural Science, 2015, 80, 155-161.	0.7	0