

Markus Neuhäuser

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

1,775
citations

304743

22
h-index

302126

39
g-index

70
all docs

70
docs citations

70
times ranked

2759
citing authors

#	ARTICLE	IF	CITATIONS
1	Practical guidelines for rigor and reproducibility in preclinical and clinical studies on cardioprotection. <i>Basic Research in Cardiology</i> , 2018, 113, 39.	5.9	311
2	When should we use one-tailed hypothesis testing?. <i>Methods in Ecology and Evolution</i> , 2010, 1, 114-117.	5.2	196
3	On the variety of methods for calculating confidence intervals by bootstrapping. <i>Journal of Animal Ecology</i> , 2015, 84, 892-897.	2.8	85
4	The phosphodiesterase 4 inhibitor roflumilast is effective in the treatment of allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2001, 108, 530-536.	2.9	69
5	Review of alternative approaches to calculation of a confidence interval for the odds ratio of a 2x2 contingency table. <i>Methods in Ecology and Evolution</i> , 2013, 4, 9-13.	5.2	64
6	How to deal with multiple endpoints in clinical trials. <i>Fundamental and Clinical Pharmacology</i> , 2006, 20, 515-523.	1.9	55
7	Prognostic impact of previous percutaneous coronary intervention in patients with diabetes mellitus and triple-vessel disease undergoing coronary artery bypass surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 134, 470-476.	0.8	54
8	Improving the reporting of <i>P</i> -values generated by randomization methods. <i>Methods in Ecology and Evolution</i> , 2013, 4, 1033-1036.	5.2	42
9	An exact two-sample test based on the baumgartner-weiss-schindler statistic and a modification of lepage's test. <i>Communications in Statistics - Theory and Methods</i> , 2000, 29, 67-78.	1.0	41
10	Impact of electrical defibrillation on infarct size and no-reflow in pigs subjected to myocardial ischemia-reperfusion without and with ischemic conditioning. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H871-H878.	3.2	38
11	Good practice in testing for an association in contingency tables. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 1505-1513.	1.4	34
12	Management of High-Risk Patients With Aortic Stenosis and Coronary Artery Disease. <i>Annals of Thoracic Surgery</i> , 2013, 95, 599-605.	1.3	33
13	An Adaptive Location-Scale Test. <i>Biometrical Journal</i> , 2001, 43, 809-819.	1.0	32
14	The Baumgartner-Wei-Schindler test for the detection of differentially expressed genes in replicated microarray experiments. <i>Bioinformatics</i> , 2004, 20, 3553-3564.	4.1	30
15	Extra-pair young in house wren broods are more likely to be male than female. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 2285-2289.	2.6	30
16	A note on the use of the non-parametric Wilcoxon-Mann-Whitney test in the analysis of medical studies. <i>GMS German Medical Science</i> , 2008, 6, Doc02.	2.7	30
17	The Fisher-Pitman Permutation Test When Testing for Differences in Mean and Variance. <i>Psychological Reports</i> , 2004, 94, 189-194.	1.7	29
18	Distribution-free two-sample comparisons in the case of heterogeneous variances. <i>Behavioral Ecology and Sociobiology</i> , 2009, 63, 617-623.	1.4	29

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19	Conventional aortic valve replacement or transcatheter aortic valve implantation in patients with previous cardiac surgery. <i>Journal of Cardiology</i> , 2015, 66, 292-297.	1.9	26
20	Underestimation of Pearson's product moment correlation statistic. <i>Oecologia</i> , 2019, 189, 1-7.	2.0	25
21	A note on the exact test based on the Baumgartner-Wei'schindler statistic in the presence of ties. <i>Computational Statistics and Data Analysis</i> , 2003, 42, 561-568.	1.2	24
22	Testing whether any of the significant tests within a table are indeed significant. <i>Oikos</i> , 2004, 106, 409-410.	2.7	23
23	One-Sided two-sample and trend tests based on a modified baumgartner-weiss-schindler statistic. <i>Journal of Nonparametric Statistics</i> , 2001, 13, 729-739.	0.9	22
24	COMPARING PARASITE NUMBERS BETWEEN SAMPLES OF HOSTS. <i>Journal of Parasitology</i> , 2004, 90, 689-691.	0.7	22
25	The Chen-Luo test in case of heteroscedasticity. <i>Computational Statistics and Data Analysis</i> , 2007, 51, 5055-5060.	1.2	22
26	A nonparametric two-sample comparison for skewed data with unequal variances. <i>Journal of Clinical Epidemiology</i> , 2010, 63, 691-693.	5.0	20
27	Parametric location-scale and scale trend tests based on Levene's transformation. <i>Computational Statistics and Data Analysis</i> , 2000, 33, 189-200.	1.2	19
28	Insights from complete-incomplete brood sex-ratio disparity. <i>Behavioral Ecology and Sociobiology</i> , 2008, 62, 469-477.	1.4	19
29	Exact Tests for the Analysis of Case-Control Studies of Genetic Markers. <i>Human Heredity</i> , 2002, 54, 151-156.	0.8	18
30	Maximum Test versus Adaptive Tests for the Two-Sample Location Problem. <i>Journal of Applied Statistics</i> , 2004, 31, 215-227.	1.3	18
31	Tests for a biased sex ratio when the data are clustered. <i>Environmental and Ecological Statistics</i> , 2004, 11, 295-304.	3.5	17
32	Adaptive-filtering of trisomy 21: risk of Down syndrome depends on family size and age of previous child. <i>Die Naturwissenschaften</i> , 2007, 94, 117-121.	1.6	17
33	A Bootstrap Test for the Analysis of Microarray Experiments with a Very Small Number of Replications. <i>Applied Bioinformatics</i> , 2006, 5, 173-179.	1.6	16
34	No protection of heart, kidneys and brain by remote ischemic preconditioning before transfemoral transcatheter aortic valve implantation: Interim-analysis of a randomized single-blinded, placebo-controlled, single-center trial. <i>International Journal of Cardiology</i> , 2017, 231, 248-254.	1.7	15
35	Evaluation of aerodynamic parameters from infrared laser tracking of free-gliding white storks. <i>Journal of Ornithology</i> , 2015, 156, 667-677.	1.1	14
36	The Evaluation of Multiple Clinical Endpoints, with Application to Asthma. <i>Drug Information Journal</i> , 1999, 33, 471-477.	0.5	13

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37	A Comparison of Procedures for Adaptive Choice of Location Tests in Flexible Two-Stage Designs. Biometrical Journal, 2003, 45, 292-310.	1.0	12
38	A new location-scale test based on a combination of the ideas of Levene and Lepage. Biometrical Journal, 2011, 53, 525-534.	1.0	12
39	Tests for Genetic Differentiation. Biometrical Journal, 2003, 45, 974-984.	1.0	11
40	Two-part permutation tests for DNA methylation and microarray data. BMC Bioinformatics, 2005, 6, 35.	2.6	11
41	A comparative study of nonparametric two-sample tests after Levene's transformation. Journal of Statistical Computation and Simulation, 2007, 77, 517-526.	1.2	10
42	Statistical tests for the comparison of two samples: The general alternative. Communications in Statistics Part B: Simulation and Computation, 2017, 46, 903-909.	1.2	10
43	The Comparison of Mean Crowding Between Two Groups. Journal of Parasitology, 2010, 96, 477-481.	0.7	9
44	Combining the t-test and Wilcoxon's rank-sum test. Journal of Applied Statistics, 2015, 42, 2769-2775.	1.3	9
45	The number of strata in propensity score stratification for a binary outcome. Archives of Medical Science, 2018, 14, 695-700.	0.9	9
46	The importance of the biological system underlying the data when choosing a statistical test: why penguins need to be treated differently to parasites. Animal Behaviour, 2009, 77, e1-e3.	1.9	8
47	Round your numbers in rank tests: exact and asymptotic inference and ties. Behavioral Ecology and Sociobiology, 2009, 64, 297-303.	1.4	8
48	Adaptive designs based on the truncated product method. BMC Medical Research Methodology, 2005, 5, 30.	3.1	7
49	Comparing samples with large numbers of zeros. Animal Behaviour, 2010, 80, 937-940.	1.9	7
50	A trend test for the analysis of multiple paternity. Journal of Agricultural, Biological, and Environmental Statistics, 2003, 8, 29-35.	1.4	6
51	Nonparametric Identification of the Minimum Effective Dose. Drug Information Journal, 2002, 36, 881-888.	0.5	5
52	Wilcoxon Test after Levene's Transformation Can Have an Inflated Type I Error Rate. Psychological Reports, 2004, 94, 1419-1420.	1.7	5
53	A non-parametric maximum test for the Behrens-Fisher problem. Journal of Statistical Computation and Simulation, 2018, 88, 1336-1347.	1.2	5
54	Some comments on the update to ICH Q10 guidance on experimental design and analysis. British Journal of Pharmacology, 2018, 175, 3638-3639.	5.4	5

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55	Further evidence for Emlen's hypothesis from two parrot species. <i>New Zealand Journal of Zoology</i> , 2003, 30, 221-225.	1.1	4
56	Efficiency comparisons of rank and permutation tests by Phillip I. Good. <i>Statistics in Medicine</i> 2004;23:857. <i>Statistics in Medicine</i> , 2005, 24, 1777-1778.	1.6	4
57	Transformations can be avoided when comparing skewed distributions with unequal variances. <i>Journal of Clinical Epidemiology</i> , 2011, 64, 454-455.	5.0	4
58	One-Sided Nonparametric Tests for Ordinal Data. <i>Perceptual and Motor Skills</i> , 2005, 101, 510-514.	1.3	3
59	A robust modification of the ordered-heterogeneity test. <i>Journal of Applied Statistics</i> , 2006, 33, 721-727.	1.3	3
60	The analysis of multicentre clinical trials when there is heterogeneity between centres. <i>Journal of Statistical Computation and Simulation</i> , 2009, 79, 1381-1387.	1.2	3
61	Striving for Simple but Effective Advice for Comparing the Central Tendency of Two Populations. <i>Journal of Modern Applied Statistical Methods</i> , 2018, 17, .	0.2	2
62	Substantially inflated type I error rates if propensity score method is not fixed in advance. <i>Communications in Statistics Case Studies Data Analysis and Applications</i> , 2020, 6, 307-313.	0.3	1
63	Predictors of pre-European deforestation on Pacific islands: A re-analysis using modern multivariate non-parametric statistical methods. <i>Forest Ecology and Management</i> , 2021, 493, 119238.	3.2	1
64	Unequal sample sizes according to the square-root allocation rule are useful when comparing several treatments with a control. <i>Ethology</i> , 0, .	1.1	1
65	A modified combination test for the analysis of a clinical trial when a protocol amendment changed the inclusion criteria. <i>Journal of Statistical Computation and Simulation</i> , 2013, 83, 825-836.	1.2	0
66	Turn alternation and the influence of environmental factors on search routes through branched structures by ladybirds (<i>Coccinella septempunctata</i> and <i>Adalia bipunctata</i>). <i>Behavioural Processes</i> , 2021, 182, 104292.	1.1	0