

Frank Konietzschke

List of Publications by Year in descending order

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84
papers

2,544
citations

304743

22
h-index

214800

47
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87
all docs

87
docs citations

87
times ranked

3475
citing authors

#	ARTICLE	IF	CITATIONS
1	nparLD : An <i>R</i> Software Package for the Nonparametric Analysis of Longitudinal Data in Factorial Experiments. <i>Journal of Statistical Software</i> , 2012, 50, .	3.7	724
2	nparcomp : An <i>R</i> Software Package for Nonparametric Multiple Comparisons and Simultaneous Confidence Intervals. <i>Journal of Statistical Software</i> , 2015, 64, .	3.7	194
3	Rank-based multiple test procedures and simultaneous confidence intervals. <i>Electronic Journal of Statistics</i> , 2012, 6, .	0.7	117
4	Endothelial dysfunction and altered endothelial biomarkers in patients with post-COVID-19 syndrome and chronic fatigue syndrome (ME/CFS). <i>Journal of Translational Medicine</i> , 2022, 20, 138.	4.4	116
5	Effectiveness of Different Irrigant Agitation Techniques on Debris and Smear Layer Removal in Curved Root Canals: A Scanning Electron Microscopy Study. <i>Journal of Endodontics</i> , 2010, 36, 1983-1987.	3.1	114
6	Asymptotic Permutation Tests in General Factorial Designs. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2015, 77, 461-473.	2.2	87
7	Parametric and nonparametric bootstrap methods for general MANOVA. <i>Journal of Multivariate Analysis</i> , 2015, 140, 291-301.	1.0	81
8	Rank-Based Procedures in Factorial Designs: Hypotheses About Non-Parametric Treatment Effects. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2017, 79, 1463-1485.	2.2	73
9	Resampling-Based Analysis of Multivariate Data and Repeated Measures Designs with the R Package MANOVA.RM. <i>R Journal</i> , 2019, 11, 380.	1.8	72
10	Comparison of the Vibringe System with Syringe and Passive Ultrasonic Irrigation in Removing Debris from Simulated Root Canal Irregularities. <i>Journal of Endodontics</i> , 2010, 36, 1410-1413.	3.1	66
11	Iron overload impairs proliferation of erythroid progenitors cells (BFU-E) from patients with myelodysplastic syndromes. <i>Leukemia Research</i> , 2013, 37, 327-332.	0.8	63
12	Bootstrapping and permuting paired t-test type statistics. <i>Statistics and Computing</i> , 2014, 24, 283-296.	1.5	60
13	Plasma Angiotensin Peptide Profiling and ACE (Angiotensin-Converting Enzyme)-2 Activity in COVID-19 Patients Treated With Pharmacological Blockers of the Renin-Angiotensin System. <i>Hypertension</i> , 2020, 76, e34-e36.	2.7	57
14	Testing Mean Differences among Groups: Multivariate and Repeated Measures Analysis with Minimal Assumptions. <i>Multivariate Behavioral Research</i> , 2018, 53, 348-359.	3.1	42
15	Catheter Ablation for Atrial Fibrillation in Adults With Congenital Heart Disease. <i>JACC: Clinical Electrophysiology</i> , 2018, 4, 733-743.	3.2	34
16	A studentized permutation test for the nonparametric Behrens-Fisher problem in paired data. <i>Electronic Journal of Statistics</i> , 2012, 6, .	0.7	33
17	Permutation-based inference for the AUC: A unified approach for continuous and discontinuous data. <i>Biometrical Journal</i> , 2016, 58, 1319-1337.	1.0	33
18	Diagnostic performance of PI-RADS version 2.1 compared to version 2.0 for detection of peripheral and transition zone prostate cancer. <i>Scientific Reports</i> , 2020, 10, 15982.	3.3	29

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19	GFD: An <i>R</i> Package for the Analysis of General Factorial Designs. Journal of Statistical Software, 2017, 79, .	3.7	29
20	Rank and Pseudo-Rank Procedures for Independent Observations in Factorial Designs. Springer Series in Statistics, 2018, , .	0.9	26
21	Decontamination efficacy of erbium:yttriumâ€“aluminiumâ€“garnet and diode laser light on oral Candida albicans isolates of a 5-day in vitro biofilm model. Lasers in Medical Science, 2009, 24, 313-20.	2.1	25
22	Small sample sizes: A big data problem in high-dimensional data analysis. Statistical Methods in Medical Research, 2021, 30, 687-701.	1.5	25
23	A wild bootstrap approach for nonparametric repeated measurements. Computational Statistics and Data Analysis, 2017, 113, 38-52.	1.2	23
24	Diagnosing ARVC in Pediatric Patients Applying the Revised Task Force Criteria: Importance of Imaging, 12-Lead ECG, and Genetics. Pediatric Cardiology, 2018, 39, 1156-1164.	1.3	22
25	Therapeutic implications of improved molecular diagnostics for rare CNS embryonal tumor entities: results of an international, retrospective study. Neuro-Oncology, 2021, 23, 1597-1611.	1.2	22
26	Nonparametric multiple comparisons. Behavior Research Methods, 2020, 52, 489-502.	4.0	20
27	Nonparametric analysis of clustered data in diagnostic trials: Estimation problems in small sample sizes. Computational Statistics and Data Analysis, 2009, 53, 730-741.	1.2	17
28	Nonparametric Evaluation of Quantitative Traits in Population-Based Association Studies when the Genetic Model is Unknown. PLoS ONE, 2012, 7, e31242.	2.5	17
29	Are Multiple Contrast Tests Superior to the ANOVA?. International Journal of Biostatistics, 2013, 9, .	0.7	17
30	Effect of fiber insertion depth on antibacterial efficacy of photodynamic therapy against Enterococcus faecalis in rootcanals. Clinical Oral Investigations, 2017, 21, 1753-1759.	3.0	17
31	Evaluation of Toxicological Studies Using a Nonparametric Shirley-Type Trend Test for Comparing Several Dose Levels with a Control Group. Statistics in Biopharmaceutical Research, 2012, 4, 14-27.	0.8	16
32	Aortoduodenal fistulas after endovascular abdominal aortic aneurysm repair and open aortic repair. Journal of Vascular Surgery, 2021, 74, 711-719.e1.	1.1	15
33	Effects of different luting agents on bond strengths of fiber-reinforced composite posts to root canal dentin. Journal of Adhesive Dentistry, 2010, 12, 197-205.	0.5	15
34	Multimodal Imaging of 2-Cycle PRRT with ¹⁷⁷Lu-DOTA-JR11 and ¹⁷⁷Lu-DOTATOC in an Orthotopic Neuroendocrine Xenograft Tumor Mouse Model. Journal of Nuclear Medicine, 2021, 62, 393-398.	5.0	14
35	A studentized permutation test for threeâ€“arm trials in the â€“gold standardâ€“ design. Statistics in Medicine, 2017, 36, 883-898.	1.6	13
36	Permutation tests are robust and powerful at 0.5% and 5% significance levels. Behavior Research Methods, 2021, 53, 2712-2724.	4.0	13

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37	Rank-based permutation approaches for non-parametric factorial designs. <i>British Journal of Mathematical and Statistical Psychology</i> , 2017, 70, 368-390.	1.4	12
38	A Wild Bootstrap approach for the selection of biomarkers in early diagnostic trials. <i>BMC Medical Research Methodology</i> , 2015, 15, 43.	3.1	11
39	The nonparametric Behrens-Fisher problem with dependent replicates. <i>Statistics in Medicine</i> , 2019, 38, 4939-4962.	1.6	10
40	Nonparametric multiple contrast tests for general multivariate factorial designs. <i>Journal of Multivariate Analysis</i> , 2019, 173, 165-180.	1.0	10
41	Wild bootstrapping rank-based procedures: Multiple testing in nonparametric factorial repeated measures designs. <i>Journal of Multivariate Analysis</i> , 2019, 171, 176-192.	1.0	10
42	Ranks and Pseudo-ranks: Surprising Results of Certain Rank Tests in Unbalanced Designs. <i>International Statistical Review</i> , 2021, 89, 349-366.	1.9	10
43	CAD in full-field digital mammography: influence of reader experience and application of CAD on interpretation of time. <i>Clinical Imaging</i> , 2010, 34, 418-424.	1.5	9
44	Evidence for a Suppression of the Colony Forming Capacity of Erythroid Progenitors by Iron Overload in Patients with MDS. <i>Blood</i> , 2008, 112, 2694-2694.	1.4	9
45	Computer-assisted Diagnosis in Full-field Digital Mammography-Results in Dependence of Readers Experiences. <i>Breast Journal</i> , 2010, 16, 490-497.	1.0	8
46	Multiplication-combination tests for incomplete paired data. <i>Statistics in Medicine</i> , 2019, 38, 3243-3255.	1.6	8
47	Catheter ablation for atrial fibrillation in patients with end-stage heart failure and eligibility for heart transplantation. <i>ESC Heart Failure</i> , 2021, 8, 1666-1674.	3.1	8
48	Endovascular and open surgical options in the treatment of uretero-arterial fistulas. <i>Vascular</i> , 2021, 29, 672-681.	0.9	7
49	Retinal Thickness Analysis in Progressive Multiple Sclerosis Patients Treated With Epigallocatechin Gallate: Optical Coherence Tomography Results From the SUPREMES Study. <i>Frontiers in Neurology</i> , 2021, 12, 615790.	2.4	7
50	Risk factors for failure of ileal pouch-anal anastomosis in patients with refractory ulcerative colitis. <i>Surgery</i> , 2022, 171, 299-304.	1.9	7
51	Incidental findings in cardiac magnetic resonance imaging: superiority of bSSFP over T1w-HASTE for extra-cardiac findings assessment. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1581-1587.	1.5	5
52	Simultaneous inference for Kendall's tau. <i>Journal of Multivariate Analysis</i> , 2021, 185, 104767.	1.0	5
53	The barrier functions of crude cervical mucus plugs against HIV-1 infection in the context of cell-free and cell-to-cell transmission. <i>Aids</i> , 2021, 35, 2105-2117.	2.2	4
54	Ranking procedures for repeated measures designs with missing data: Estimation, testing and asymptotic theory. <i>Statistical Methods in Medical Research</i> , 2022, 31, 105-118.	1.5	4

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55	Effectiveness of different fiber post removal techniques and their influence on dentinal microcrack formation. <i>Clinical Oral Investigations</i> , 2022, 26, 3679-3685.	3.0	4
56	Motor training-related brain reorganization in patients with cerebellar degeneration. <i>Human Brain Mapping</i> , 2022, 43, 1611-1629.	3.6	4
57	Biomarker-driven therapies for metastatic uveal melanoma: A prospective precision oncology feasibility study. <i>European Journal of Cancer</i> , 2022, 169, 146-155.	2.8	4
58	Measurement of response of pulmonal tumors in 64-slice MDCT. <i>Acta Radiologica</i> , 2010, 51, 512-521.	1.1	3
59	Comment on "Type I error and test power of different tests for testing interaction effects in factorial experiments". <i>Statistica Neerlandica</i> , 2013, 67, 400-402.	1.6	3
60	Simultaneous inference for factorial multireader diagnostic trials. <i>Statistics in Medicine</i> , 2018, 37, 28-47.	1.6	3
61	Gini Index Estimation within Pre-Specified Error Bound: Application to Indian Household Survey Data. <i>Econometrics</i> , 2020, 8, 26.	0.9	3
62	The nonparametric Behrens-Fisher problem in partially complete clustered data. <i>Biometrical Journal</i> , 2021, 63, 148-167.	1.0	3
63	A Comparison of Efficient Permutation Tests for Unbalanced ANOVA in Two by Two Designs and Their Behavior Under Heteroscedasticity. <i>Springer Proceedings in Mathematics and Statistics</i> , 2014, , 257-269.	0.2	3
64	Estimation and Testing of Wilcoxon-Mann-Whitney Effects in Factorial Clustered Data Designs. <i>Symmetry</i> , 2022, 14, 244.	2.2	3
65	Comparison of the antibacterial efficacy of sonic- and two ultrasonic-activated irrigation techniques in reducing intracanal <i>Enterococcus faecalis</i> populations. <i>Quintessence International</i> , 2018, 49, 689-697.	0.4	3
66	Inter-Reader Variability Using PI-RADS v2 Versus PI-RADS v2.1: Most New Disagreement Stems from Scores 1 and 2. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2022, 194, 852-861.	1.3	3
67	A frozen decade: Ten years outcome of atrial fibrillation ablation using a single shot device for pulmonary vein isolation. <i>Journal of Cardiovascular Electrophysiology</i> , 2022, 33, 1383-1390.	1.7	3
68	Prevalence and clinical significance of incidental extra-mammary findings in breast magnetic resonance imaging: A retrospective study of 1070 patients. <i>Clinical Imaging</i> , 2017, 45, 92-95.	1.5	2
69	Semi-parametric analysis of overdispersed count and metric data with varying follow-up times: Asymptotic theory and small sample approximations. <i>Biometrical Journal</i> , 2019, 61, 616-629.	1.0	2
70	Preoperative and ICU Scoring Models for Predicting the In-Hospital Mortality of Patients With Ruptured Abdominal Aortic Aneurysms. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, 35, 3700-3707.	1.3	2
71	The Behrens-Fisher problem with covariates and baseline adjustments. <i>Metrika</i> , 2020, 83, 197-215.	0.8	1
72	On the Admissibility of Simultaneous Bootstrap Confidence Intervals. <i>Symmetry</i> , 2021, 13, 1212.	2.2	1

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73	Two Samples. Springer Series in Statistics, 2018, , 75-180.	0.9	1
74	Isolated Ruptured Paravisceral Penetrating Aortic Ulcers. Annals of Vascular Surgery, 2022, 81, 138-147.	0.9	1
75	Neoaortoiliac system and cryopreserved human allograft for the treatment of aortic graft infections. Vascular, 2022, , 170853812210913.	0.9	1
76	Group sequential methods for the Mann-Whitney parameter. Statistical Methods in Medical Research, 2022, 31, 2004-2020.	1.5	1
77	Analysis of covariance under variance heteroscedasticity in general factorial designs. Statistics in Medicine, 2021, 40, 4732-4749.	1.6	0
78	Significant Suppression of the Colony Forming Capacity of Erythroid Progenitors by Iron Overload in Patients with MDS and Sequential Analyses of BFU-E Under Chelation Therapy.. Blood, 2009, 114, 3826-3826.	1.4	0
79	Several Samples. Springer Series in Statistics, 2018, , 181-261.	0.9	0
80	Two-Factor Crossed Designs. Springer Series in Statistics, 2018, , 263-331.	0.9	0
81	Derivation of Main Results. Springer Series in Statistics, 2018, , 357-428.	0.9	0
82	Interrelationships between Skin Structure, Function, and Microbiome of Pregnant Females and Their Newborns: Study Protocol for a Prospective Cohort Study. Dermatology Research and Practice, 2021, 2021, 1-10.	0.8	0
83	Perioperative risk prediction using the POSSUM and V-POSSUM models in symptomatic carotid stenosis. Vasa - European Journal of Vascular Medicine, 2022, , .	1.4	0
84	Outcomes of Endurant II Stent Graft According to Anatomic Severity Grade Score. Journal of Endovascular Therapy, 2023, 30, 600-608.	1.5	0