

# Christian Heumann

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

974  
citations

623734

14  
h-index

477307

29  
g-index

59  
all docs

59  
docs citations

59  
times ranked

2045  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bootstrap inference when using multiple imputation. <i>Statistics in Medicine</i> , 2018, 37, 2252-2266.	1.6	255
2	Model selection and model averaging after multiple imputation. <i>Computational Statistics and Data Analysis</i> , 2014, 71, 758-770.	1.2	80
3	Influence of air pressure, humidity, solar radiation, temperature, and wind speed on ambulatory visits due to chronic obstructive pulmonary disease in Bavaria, Germany. <i>International Journal of Biometeorology</i> , 2012, 56, 137-143.	3.0	61
4	Six-month results following treatment of aggressive periodontitis with antimicrobial photodynamic therapy or amoxicillin and metronidazole. <i>Clinical Oral Investigations</i> , 2014, 18, 2129-2135.	3.0	59
5	Frequentist Model Averaging with missing observations. <i>Computational Statistics and Data Analysis</i> , 2010, 54, 3336-3347.	1.2	50
6	The impact of exposure to radio frequency electromagnetic fields on chronic well-being in young people – A cross-sectional study based on personal dosimetry. <i>Environment International</i> , 2011, 37, 26-30.	10.0	40
7	Influence of different instrumentation modalities on the surface characteristics and biofilm formation on dental implant neck, <i>in vitro</i> . <i>Clinical Oral Implants Research</i> , 2017, 28, 483-490.	4.5	34
8	Randomized non-inferiority and safety trial of dihydroartemisin-piperaquine and artesunate-amodiaquine versus artemether-lumefantrine in the treatment of uncomplicated <i>Plasmodium falciparum</i> malaria in Cameroonian children. <i>Malaria Journal</i> , 2015, 14, 27.	2.3	31
9	Non-surgical periodontal treatment in conjunction with 3 or 7 days systemic administration of amoxicillin and metronidazole in severe chronic periodontitis patients. A placebo-controlled randomized clinical study. <i>Journal of Clinical Periodontology</i> , 2016, 43, 767-777.	4.9	31
10	One year results of a randomized controlled clinical study evaluating the effects of non-surgical periodontal therapy of chronic periodontitis in conjunction with three or seven days systemic administration of amoxicillin/metronidazole. <i>PLoS ONE</i> , 2017, 12, e0179592.	2.5	29
11	Influence of obesity on the outcome of non-surgical periodontal therapy - a systematic review. <i>BMC Oral Health</i> , 2016, 16, 90.	2.3	24
12	Joint modeling of Anaemia and Malaria in children under five in Nigeria. <i>Spatial and Spatio-temporal Epidemiology</i> , 2016, 17, 105-115.	1.7	21
13	Risk Factors for Mercury Exposure of Children in a Rural Mining Town in Northern Chile. <i>PLoS ONE</i> , 2013, 8, e79756.	2.5	21
14	Trends in the incidence of AIDS-defining and non-AIDS-defining cancers in people living with AIDS: a population-based study from São Paulo, Brazil. <i>International Journal of STD and AIDS</i> , 2017, 28, 1190-1198.	1.1	15
15	Investigating Parallel Analysis in the Context of Missing Data: A Simulation Study Comparing Six Missing Data Methods. <i>Educational and Psychological Measurement</i> , 2020, 80, 756-774.	2.4	14
16	MAREG and WinMAREG A tool for marginal regression models. <i>Computational Statistics and Data Analysis</i> , 1997, 24, 237-241.	1.2	13
17	Changes in white spot lesions following post-orthodontic weekly application of 1.25 per cent fluoride gel over 6 months – a randomized placebo-controlled clinical trial. Part I: photographic data evaluation. <i>European Journal of Orthodontics</i> , 2017, 39, cjw060.	2.4	13
18	Efficacy of 8% arginine on dentin hypersensitivity: A multicenter clinical trial in 273 patients over 24 weeks. <i>Journal of Dentistry</i> , 2019, 83, 1-6.	4.1	13

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19	Multiple imputation with sequential penalized regression. <i>Statistical Methods in Medical Research</i> , 2019, 28, 1311-1327.	1.5	12
20	Influence of Probiotics on the Salivary Microflora Oral Streptococci and Their Integration into Oral Biofilm. <i>Antibiotics</i> , 2020, 9, 803.	3.7	11
21	Risk for cancer among people living with AIDS, 1997â€“2012: the SÃ£o Paulo AIDSâ€“cancer linkage study. <i>European Journal of Cancer Prevention</i> , 2018, 27, 411-417.	1.3	10
22	Bacterial supernatants elevate glucose-dependent insulin secretion in rat pancreatic INS-1 line and islet Î²-cells via PI3K/AKT signaling. <i>Molecular and Cellular Biochemistry</i> , 2019, 452, 17-27.	3.1	10
23	Predictors of work-related sensitisation, allergic rhinitis and asthma in early work life. <i>European Respiratory Journal</i> , 2014, 44, 657-665.	6.7	9
24	Action of food preservatives on 14-days dental biofilm formation, biofilm vitality and biofilm-derived enamel demineralisation in situ. <i>Clinical Oral Investigations</i> , 2014, 18, 829-838.	3.0	9
25	An Application of Isotonic Longitudinal Marginal Regression to Monitoring the Healing Process. <i>Biometrics</i> , 1999, 55, 951-956.	1.4	8
26	Changes in white spot lesions following post-orthodontic weekly application of 1.25 per cent fluoride gel over 6 monthsâ€“a randomized placebo-controlled clinical trial. Part II: clinical data evaluation. <i>European Journal of Orthodontics</i> , 2016, 39, cjw061.	2.4	8
27	A predictive modeling approach to increasing the economic effectiveness of disease management programs. <i>Health Care Management Science</i> , 2014, 17, 284-301.	2.6	7
28	Clinical and laboratory evaluation of the effects of different treatment modalities on titanium healing caps: a randomized, controlled clinical trial. <i>Clinical Oral Investigations</i> , 2018, 22, 2149-2160.	3.0	7
29	Mercury and neuromotor function among children in a rural town in Chile. <i>International Journal of Occupational and Environmental Health</i> , 2016, 22, 27-35.	1.2	6
30	Clinical Evaluation of a New Electronic Periodontal Probe: A Randomized Controlled Clinical Trial. <i>Diagnostics</i> , 2022, 12, 42.	2.6	6
31	Microdata imputations and macrodata implications: Evidence from the Ifo Business Survey. <i>Economic Modelling</i> , 2013, 35, 722-733.	3.8	4
32	Risk of Nonfatal Stroke in Type 2 Diabetes Mellitus Patients: A Retrospective Comparison Between Disease Management Programs and Standard Care. <i>Journal of Diabetes Science and Technology</i> , 2017, 11, 808-813.	2.2	4
33	Cancer survival in people with AIDS: A populationâ€“based study from SÃ£o Paulo, Brazil. <i>International Journal of Cancer</i> , 2018, 142, 524-533.	5.1	4
34	Reliable Inference in Categorical Regression Analysis for Nonâ€“randomly Coarsened Observations. <i>International Statistical Review</i> , 2019, 87, 580-603.	1.9	4
35	Effect of toothpaste containing amine fluoride and stannous chloride on the reduction of dental plaque and gingival inflammation. A randomized controlled 12â€“week homeâ€“use study. <i>International Journal of Dental Hygiene</i> , 2019, 17, 237-243.	1.9	4
36	Bootstrap inference for weighted nearest neighbors imputation. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2022, 51, 2842-2857.	1.2	4

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37	When and when not to use optimal model averaging. <i>Statistical Papers</i> , 2020, 61, 2221-2240.	1.2	4
38	Severity score for predicting in-facility Ebola treatment outcome. <i>Annals of Epidemiology</i> , 2020, 49, 68-74.	1.9	4
39	The Effect of Green Tea on plaque and gingival inflammation: A systematic review. <i>Journal of Herbal Medicine</i> , 2020, 21, 100337.	2.0	4
40	Clustering compositional data using Dirichlet mixture model. <i>PLoS ONE</i> , 2022, 17, e0268438.	2.5	4
41	Geoadditve Latent Variable Modeling of Count Data on Multiple Sexual Partnering in Nigeria. <i>Biometrics</i> , 2011, 67, 620-628.	1.4	3
42	Laboratory validation of a new gas-enhanced dentine liquid permeation evaluation system. <i>Clinical Oral Investigations</i> , 2014, 18, 2067-2075.	3.0	3
43	Variable selection techniques after multiple imputation in high-dimensional data. <i>Statistical Methods and Applications</i> , 2020, 29, 553-580.	1.2	3
44	Sociodemographic and clinical determinants of in-facility case fatality rate for 938 adult Ebola patients treated at Sierra Leone Ebola treatment center. <i>BMC Infectious Diseases</i> , 2020, 20, 293.	2.9	3
45	Multiple imputation with compatibility for high-dimensional data. <i>PLoS ONE</i> , 2021, 16, e0254112.	2.5	3
46	Regularized proportional odds models. <i>Journal of Statistical Computation and Simulation</i> , 2015, 85, 251-268.	1.2	2
47	Impact of Dynamic Loading on the Implant-abutment Interface Using a Gas-enhanced Permeation Test In Vitro. <i>Open Dentistry Journal</i> , 2015, 9, 112-119.	0.5	2
48	Response shrinkage estimation in multinomial logit models. <i>Journal of Statistical Planning and Inference</i> , 2012, 142, 95-109.	0.6	1
49	Discrete Survival Model Analysis of Plasmodium falciparum Response to Artemisinin-Based Combination Therapies among Children in Regions of Varying Malaria Transmission in Cameroon. <i>Pathogens</i> , 2021, 10, 1106.	2.8	1
50	COVID-19 Testing Unit Munich: Impact of Public Health and Safety Measures on Patient Characteristics and Test Results, January to September 2020. <i>Frontiers in Public Health</i> , 2022, 10, 856189.	2.7	1
51	Antibacterial Action, Substantivity and Anti-plaque Effect of Different Toothpaste Slurries - A Randomised Controlled Trial. <i>Oral Health &amp; Preventive Dentistry</i> , 2021, 19, 529-536.	0.5	1
52	Impact of Pro-Argin on the Oral Health-Related Quality of Life: A 24-Week Randomized, Parallel-Group, Multicenter Study. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4431.	2.5	1
53	Evaluation of a novel repetitive gas-enhanced permeation test for restoration leakage determination after thermo-mechanical loading. <i>Acta Odontologica Scandinavica</i> , 2016, 74, 202-209.	1.6	0
54	Application of iterative hybrid MI approach to household survey data with complex dependence structures. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2020, , 1-23.	1.2	0

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55	Factors associated with length of stay and treatment outcome of Ebola patients treated at an Ebola treatment center in Sierra Leone during the peak period of the West African Ebola outbreak 2013â€“2016. Archives of Public Health, 2021, 79, 131.	2.4	0
56	Optimal liquidation of foreign currencies when FX rates follow a generalised Ornstein-Uhlenbeck process. Applied Intelligence, 0, , 1.	5.3	0