Andreas Groll

List of Publications by Year
in descending order

54 papers	1,010 citations	566801 15 h-index	500791 28 g-index
57 all docs	57 docs citations	57 times ranked	1302 citing authors

#	Article	IF	Citations
1	Interactions of scores derived from two groups of variables: Alternating lasso regularization avoids overfitting and finds interpretable scores.. Psychological Methods, 2023, 28, 422-437.	2.7	0
2	Sex differences in injury rates in team-sport athletes: A systematic review and meta-regression analysis. Journal of Sport and Health Science, 2022, 11, 104-114.	3.3	32
3	The Interval Between Matches Significantly Influences Injury Risk in Field Hockey. International Journal of Sports Medicine, 2022, 43, 262-268.	0.8	9
4	Artificial intelligence and machine learning: an introduction for orthopaedic surgeons. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 361-364.	2.3	35
5	A machine learning approach for modelling the occurrence of Galba truncatula as the major intermediate host for Fasciola hepatica in Switzerland. Preventive Veterinary Medicine, 2022, 200, 105569.	0.7	6
6	Maximum isometric torque at individually-adjusted joint angles exceeds eccentric and concentric torque in lower extremity joint actions. BMC Sports Science, Medicine and Rehabilitation, 2022, 14, 13.	0.7	9
7	Machine learning and conventional statistics: making sense of the differences. Knee Surgery, Sports Traumatology, Arthroscopy, 2022, 30, 753-757.	2.3	56
8	Machine learning for tumor growth inhibition: Interpretable predictive models for transparency and reproducibility. CPT: Pharmacometrics and Systems Pharmacology, 2022, 11, 257-261.	1.3	3
9	Predicting Hospital Readmissions from Health Insurance Claims Data: A Modeling Study Targeting Potentially Inappropriate Prescribing. Methods of Information in Medicine, 2022, 61, 055-060.	0.7	1
10	Game Exposure, Player Characteristics, and Neuromuscular Performance Influence Injury Risk in Professional and Youth Field Hockey Players. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712199516.	0.8	6
11	Disease-dependent variations in the timing and causes of readmissions in Germany: A claims data analysis for six different conditions. PLoS ONE, 2021, 16, e0250298.	1.1	8
12	Early Initiation of Antiretroviral Therapy Following In Utero HIV Infection Is Associated With Low Viral Reservoirs but Other Factors Determine Viral Rebound. Journal of Infectious Diseases, 2021, 224, 1925-1934.	1.9	9
13	Addressing cluster-constant covariates in mixed effects models via likelihood-based boosting techniques. PLoS ONE, 2021, 16, e0254178.	1.1	3
14	An HLA-I signature favouring KIR-educated Natural Killer cells mediates immune control of HIV in children and contrasts with the HLA-B-restricted CD8+ T-cell-mediated immune control in adults. PLoS Pathogens, 2021, 17, e1010090.	2.1	12
15	Joint Modelling Approaches to Survival Analysis via Likelihood-Based Boosting Techniques. Computational and Mathematical Methods in Medicine, 2021, 2021, 1-11.	0.7	2
16	Can Machine Learning from Real-World Data Support Drug Treatment Decisions? A Prediction Modeling Case for Direct Oral Anticoagulants. Medical Decision Making, 2021, , 0272989X2110646.	1.2	6
17	Using the Causal Inference Framework to Support Individualized Drug Treatment Decisions Based on Observational Healthcare Data . Clinical Epidemiology, 2020, Volume 12, 1223-1234.	1.5	5
18	Generalised joint regression for count data: a penalty extension for competitive settings. Statistics and Computing, 2020, 30, 1419-1432.	0.8	5

#	Article	IF	Citations
19	Flexible Instrumental Variable Distributional Regression. Journal of the Royal Statistical Society Series A: Statistics in Society, 2020, 183, 1553-1574.	0.6	9
20	Prediction of the 2019 IHF World Menâ€™s Handball Championship â€“ A sparse Gaussian approximation model. Journal of Sports Analytics, 2020, 6, 187-197.	0.5	8
21	HIGH-FREQUENCY failure of combination antiretroviral therapy in paediatric HIV infection is associated with unmet maternal needs causing maternal NON-ADHERENCE. EClinicalMedicine, 2020, 22, 100344.	3.2	23
22	Sex-specific innate immune selection of HIV-1 in utero is associated with increased female susceptibility to infection. Nature Communications, 2020, 11, 1767.	5.8	15
23	A hybrid random forest to predict soccer matches in international tournaments. Journal of Quantitative Analysis in Sports, 2019, 15, 271-287.	0.5	29
24	Plasma IL-5 but Not CXCL13 Correlates With Neutralization Breadth in HIV-Infected Children. Frontiers in Immunology, 2019, 10, 1497.	2.2	5
25	LASSO-type penalization in the framework of generalized additive models for location, scale and shape. Computational Statistics and Data Analysis, 2019, 140, 59-73.	0.7	19
26	Guest Editorial â€˜Statistical Modelling for Sports Analyticsâ€™. Statistical Modelling, 2019, 19, 3-4.	0.5	1
27	Increased Regulatory T-Cell Activity and Enhanced T-Cell Homeostatic Signaling in Slow Progressing HIV-infected Children. Frontiers in Immunology, 2019, 10, 213.	2.2	13
28	A generalized additive model approach to time-to-event analysis. Statistical Modelling, 2018, 18, 299-321.	0.5	54
29	Malnutrition in HIV-Infected Children Is an Indicator of Severe Disease with an Impaired Response to Antiretroviral Therapy. AIDS Research and Human Retroviruses, 2018, 34, 46-55.	0.5	35
30	Analysis of the importance of on-field covariates in the German Bundesliga. Journal of Applied Statistics, 2018, 45, 1561-1578.	0.6	18
31	Walking activity during ambulant cardiac rehabilitation is related to maximum working capacity, age, and smoking behavior. Vascular Health and Risk Management, 2018, Volume 14, 361-369.	1.0	4
32	Guest Editorial â€˜Statistical Modelling for Sports Analyticsâ€™. Statistical Modelling, 2018, 18, 385-387.	0.5	3
33	Predicting matches in international football tournaments with random forests. Statistical Modelling, 2018, 18, 460-482.	0.5	17
34	On the dependency of soccer scores â€“ a sparse bivariate Poisson model for the UEFA European football championship 2016. Journal of Quantitative Analysis in Sports, 2018, 14, 65-79.	0.5	21
35	Prediction of Drug-Related Risks Using Clinical Context Information in Longitudinal Claims Data. Value in Health, 2018, 21, 1390-1398.	0.1	8
36	Understanding the economic determinants of the severity of operational losses: A regularized generalized Pareto regression approach. Journal of Applied Econometrics, 2018, 33, 898-935.	1.3	24

#	Article	IF	Citations
37	Editorial 'Bridging the gap between methodology and applications: Tutorials on semiparametric regression'. Statistical Modelling, 2018, 18, 199-202.	0.5	0
38	Variable selection in discrete survival models including heterogeneity. Lifetime Data Analysis, 2017, 23, 305-338.	0.4	8
39	Selection of Effects in Cox Frailty Models by Regularization Methods. Biometrics, 2017, 73, 846-856.	0.8	11
40	How can we define and analyse drug exposure more precisely to improve the prediction of hospitalizations in longitudinal (claims) data?. European Journal of Clinical Pharmacology, 2017, 73, 373-380.	0.8	5
41	Evaluating diagnostic tests for bovine tuberculosis in the southern part of Germany: A latent class analysis. PLoS ONE, 2017, 12, e0179847.	1.1	31
42	Risk Minimization for Insurance Products via F-Doubly Stochastic Markov Chains. Risks, 2016, 4, 23.	1.3	0
43	Nonprogressing HIV-infected children share fundamental immunological features of nonpathogenic SIV infection. Science Translational Medicine, 2016, 8, 358ra125.	5.8	121
44	Longitudinal evaluation of medication underuse in older outpatients and its association with quality of life. European Journal of Clinical Pharmacology, 2016, 72, 877-885.	0.8	19
45	A consistent two-factor model for pricing temperature derivatives. Energy Economics, 2016, 55, 112-126.	5.6	18
46	Prediction of major international soccer tournaments based on team-specific regularized Poisson regression: An application to the FIFA World Cup 2014. Journal of Quantitative Analysis in Sports, 2015, 11, .	0.5	26
47	Variable selection for generalized linear mixed models by L 1-penalized estimation. Statistics and Computing, 2014, 24, 137-154.	0.8	163
48	Likelihood-Based Boosting in Binary and Ordinal Random Effects Models. Journal of Computational and Graphical Statistics, 2013, 22, 356-378.	0.9	9
49	Intensity-based premium evaluation for unemployment insurance products. Insurance: Mathematics and Economics, 2013, 53, 302-316.	0.7	28
50	Spain retains its title and sets a new record â€“ generalized linear mixed models on European football championships. Journal of Quantitative Analysis in Sports, 2013, 9, 51-66.	0.5	13
51	Regularization for Generalized Additive Mixed Models by Likelihood-based Boosting. Methods of Information in Medicine, 2012, 51, 168-177.	0.7	28
52	Generalized Linear Mixed Models Based on Boosting. , 2010, , 197-215.		13
53	Understanding the Economic Determinants of the Severity of Operational Losses: A Regularized Generalized Pareto Regression Approach. SSRN Electronic Journal, 0, , .	0.4	0
54	Introducing LASSO-type penalisation to generalised joint regression modelling for count data. AStA Advances in Statistical Analysis, 0, , 1.	0.4	3