Benjamin Hofner

List of Publications by Year
in descending order

45 papers	1,773 citations	257101 24 h-index	276539 41 g-index
49 all docs	49 docs citations	49 times ranked	2612 citing authors

#	Article	IF	Citations
1	opm: an R package for analysing OmniLog® phenotype microarray data. Bioinformatics, 2013, 29, 1823-1824.	1.8	214
2	Model-based boosting in R: a hands-on tutorial using the R package mboost. Computational Statistics, 2014, 29, 3-35.	0.8	169
3	Fracture Rates and Lifetime Estimations of CAD/CAM All-ceramic Restorations. Journal of Dental Research, 2016, 95, 67-73.	2.5	113
4	Generalized Additive Models for Location, Scale and Shape for High Dimensional Data—A Flexible Approach Based on Boosting. Journal of the Royal Statistical Society Series C: Applied Statistics, 2012, 61, 403-427.	0.5	101
5	Controlling false discoveries in high-dimensional situations: boosting with stability selection. BMC Bioinformatics, 2015, 16, 144.	1.2	95
6	A Framework for Unbiased Model Selection Based on Boosting. Journal of Computational and Graphical Statistics, 2011, 20, 956-971.	0.9	73
7	The Importance of Knowing When to Stop. Methods of Information in Medicine, 2012, 51, 178-186.	0.7	64
8	Current Statistical Considerations and Regulatory Perspectives on the Planning of Confirmatory Basket, Umbrella, and Platform Trials. Clinical Pharmacology and Therapeutics, 2020, 107, 1059-1067.	2.3	61
9	Orexin A expression and promoter methylation in patients with alcohol dependence comparing acute and protracted withdrawal. Alcohol, 2011, 45, 541-547.	0.8	51
10	Prognostic Factors in Critically Ill Patients Suffering from Secondary Peritonitis: A Retrospective, Observational, Survival Time Analysis. World Journal of Surgery, 2009, 33, 34-43.	0.8	46
11	Success of a deadwood enrichment strategy in production forests depends on stand type and management intensity. Forest Ecology and Management, 2017, 400, 607-620.	1.4	46
12	Predictive Modelling Based on Statistical Learning in Biomedicine. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-3.	0.7	43
13	Are the effects of a non-drug multimodal activation therapy of dementia sustainable? Follow-up study 10 months after completion of a randomised controlled trial. BMC Neurology, 2012, 12, 151.	0.8	37
14	<i>Geodermatophilus poikilotrophi</i> sp. nov.: A Multitolerant Actinomycete Isolated from Dolomitic Marble. BioMed Research International, 2014, 2014, 1-11.	0.9	37
15	EMA Review of Axicabtagene Ciloleucel (Yescarta) for the Treatment of Diffuse Large B-Cell Lymphoma. Oncologist, 2020, 25, 894-902.	1.9	37
16	Gradient boosting for distributional regression: faster tuning and improved variable selection via noncyclical updates. Statistics and Computing, 2018, 28, 673-687.	0.8	36
17	Stochastic Dispersal Rather Than Deterministic Selection Explains the Spatio-Temporal Distribution of Soil Bacteria in a Temperate Grassland. Frontiers in Microbiology, 2020, 11, 1391.	1.5	36
18	gamboostLSS: An <i>R</i> Package for Model Building and Variable Selection in the GAMLSS Framework. Journal of Statistical Software, 2016, 74, .	1.8	35

#	ARTICLE	IF	CITATIONS
19	A unified framework of constrained regression. Statistics and Computing, 2016, 26, 1-14.	0.8	33
20	Intrauterine growth restriction (IUGR) is associated with increased leptin synthesis and binding capability in neonates. Clinical Endocrinology, 2011, 74, 459-466.	1.2	30
21	Randomized phase-III-trial of concurrent chemoradiation for locally advanced head and neck cancer comparing dose reduced radiotherapy with paclitaxel/cisplatin to standard radiotherapy with fluorouracil/cisplatin: The PacCis-trial. Radiotherapy and Oncology, 2020, 144, 209-217.	0.3	30
22	Bouldering psychotherapy reduces depressive symptoms even when general physical activity is controlled for: A randomized controlled trial. Heliyon, 2018, 4, e00580.	1.4	28
23	Monotonicity-constrained species distribution models. Ecology, 2011, 92, 1895-1901.	1.5	27
24	Reproducible research in statistics: A review and guidelines for the <i>Biometrical Journal</i>. Biometrical Journal, 2016, 58, 416-427.	0.6	26
25	Boosting for statistical modelling-A non-technical introduction. Statistical Modelling, 2018, 18, 365-384.	0.5	26
26	Boosting the discriminatory power of sparse survival models via optimization of the concordance index and stability selection. BMC Bioinformatics, 2016, 17, 288.	1.2	25
27	An Update on Statistical Boosting in Biomedicine. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-12.	0.7	25
28	Optimizing the dynamics of protein expression. Scientific Reports, 2019, 9, 7511.	1.6	24
29	Amino Alcohol- (NPS-2143) and Quinazolinone-Derived Calcilytics (ATF936 and AXT914) Differentially Mitigate Excessive Signalling of Calcium-Sensing Receptor Mutants Causing Bartter Syndrome Type 5 and Autosomal Dominant Hypocalcemia. PLoS ONE, 2014, 9, e115178.	1.1	23
30	Multiple biomarker strategy for improved diagnosis of acute heart failure in older patients presenting to the emergency department. European Heart Journal: Acute Cardiovascular Care, 2015, 4, 137-147.	0.4	23
31	Prognostic value of different biomarkers for cardiovascular death in unselected older patients in the emergency department. European Heart Journal: Acute Cardiovascular Care, 2016, 5, 568-578.	0.4	18
32	OpenML: An R package to connect to the machine learning platform OpenML. Computational Statistics, 2019, 34, 977-991.	0.8	16
33	Building Cox-type structured hazard regression models with time-varying effects. Statistical Modelling, 2011, 11, 3-24.	0.5	15
34	Prognostic factors in critically ill surgical patients requiring continuous renal replacement therapy. Journal of Nephrology, 2008, 21, 909-18.	0.9	13
35	Long-term Survival After Surgical Critical Illness. Annals of Surgery, 2010, 251, 1145-1153.	2.1	12
36	Variable selection and model choice in structured survival models. Computational Statistics, 2013, 28, 1079-1101.	0.8	12

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37	Perioperative complications of scoliosis surgery in patients with Duchenne muscular dystrophy and spinal muscular atrophy, focussing on wound healing disorders. International Journal of Neuroscience, 2017, 127, 479-485.	0.8	11
38	Modeling spatiotemporal abundance of mobile wildlife in highly variable environments using boosted GAMLSS hurdle models. Ecology and Evolution, 2019, 9, 2346-2364.	0.8	11
39	ACTIVITY-GUIDED ANTITHROMBIN III THERAPY IN SEVERE SURGICAL SEPSIS. Shock, 2008, 30, 634-641.	1.0	10
40	Short-term prognosis of critically ill surgical patients: The impact of duration of invasive organ support therapies. Journal of Critical Care, 2012, 27, 73-82.	1.0	8
41	The *betaboost* package—a software tool for modelling bounded outcome variables in potentially high-dimensional epidemiological data. International Journal of Epidemiology, 2018, 47, 1383-1388.	0.9	7
42	Pathway-Based Kernel Boosting for the Analysis of Genome-Wide Association Studies. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-17.	0.7	6
43	Long-term Results of Conservative Therapy of Adolescent Idiopathic Scoliosis Using the Cheneau Brace. Klinische Padiatrie, 2019, 231, 248-254.	0.2	6
44	Quantification of Renal Function and Cardiovascular Mortality in Patients Admitted to the Emergency Department with Suspected Acute Coronary Syndromes:. Clinical Laboratory, 2017, 63, 1457-1466.	0.2	2
45	Modelling Flow in Gas Transmission Networks Using Shape-Constrained Expectile Regression. , 2021, , 261-280.		0