Benjamin Hofner

List of Publications by Year
in descending order

45 papers	1,773 citations	257357 24 h-index	276775 41 g-index
49 all docs	49 docs citations	49 times ranked	2612 citing authors

#	Article	IF	Citations
1	Modelling Flow in Gas Transmission Networks Using Shape-Constrained Expectile Regression. , 2021, , 261-280.		0
2	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
3	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
4	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
5	EMA Review of Axicabtagene Ciloleucel (Yescarta) for the Treatment of Diffuse Large B-Cell Lymphoma. Oncologist, 2020, 25, 894-902.	1.9	37
6	Long-term Results of Conservative Therapy of Adolescent Idiopathic Scoliosis Using the Cheneau Brace. Klinische Padiatrie, 2019, 231, 248-254.	0.2	6
7	Optimizing the dynamics of protein expression. Scientific Reports, 2019, 9, 7511.	1.6	24
8	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
9	OpenML: An R package to connect to the machine learning platform OpenML. Computational Statistics, 2019, 34, 977-991.	0.8	16
10	Boosting for statistical modelling-A non-technical introduction. Statistical Modelling, 2018, 18, 365-384.	0.5	26
11	Bouldering psychotherapy reduces depressive symptoms even when general physical activity is controlled for: A randomized controlled trial. Heliyon, 2018, 4, e00580.	1.4	28
12	Gradient boosting for distributional regression: faster tuning and improved variable selection via noncyclical updates. Statistics and Computing, 2018, 28, 673-687.	0.8	36
13	The<i>betaboost</i>packageâ€"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
14	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
15	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
16	An Update on Statistical Boosting in Biomedicine. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-12.	0.7	25
17	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
18	Predictive Modelling Based on Statistical Learning in Biomedicine. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-3.	0.7	43

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Reproducible research in statistics: A review and guidelines for the *Biometrical Journal*. Biometrical Journal, 2016, 58, 416-427.	0.6	26
22	A unified framework of constrained regression. Statistics and Computing, 2016, 26, 1-14.	0.8	33
23	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
24	Fracture Rates and Lifetime Estimations of CAD/CAM All-ceramic Restorations. Journal of Dental Research, 2016, 95, 67-73.	2.5	113
25	**gamboostLSS**: An *R* Package for Model Building and Variable Selection in the GAMLSS Framework. Journal of Statistical Software, 2016, 74, .	1.8	35
26	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
27	Controlling false discoveries in high-dimensional situations: boosting with stability selection. BMC Bioinformatics, 2015, 16, 144.	1.2	95
28	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
29	*Geodermatophilus poikilotrophi* sp. nov.: A Multitolerant Actinomycete Isolated from Dolomitic Marble. BioMed Research International, 2014, 2014, 1-11.	0.9	37
30	Model-based boosting in R: a hands-on tutorial using the R package mboost. Computational Statistics, 2014, 29, 3-35.	0.8	169
31	Variable selection and model choice in structured survival models. Computational Statistics, 2013, 28, 1079-1101.	0.8	12
32	opm: an R package for analysing OmniLogÂ® phenotype microarray data. Bioinformatics, 2013, 29, 1823-1824.	1.8	214
33	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
34	The Importance of Knowing When to Stop. Methods of Information in Medicine, 2012, 51, 178-186.	0.7	64
35	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
36	Generalized Additive Models for Location, Scale and Shape for High Dimensional Dataâ€"A Flexible Approach Based on Boosting. Journal of the Royal Statistical Society Series C: Applied Statistics, 2012, 61, 403-427.	0.5	101

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37	A Framework for Unbiased Model Selection Based on Boosting. Journal of Computational and Graphical Statistics, 2011, 20, 956-971.	0.9	73
38	Monotonicity-constrained species distribution models. Ecology, 2011, 92, 1895-1901.	1.5	27
39	Intrauterine growth restriction (IUGR) is associated with increased leptin synthesis and binding capability in neonates. Clinical Endocrinology, 2011, 74, 459-466.	1.2	30
40	Orexin A expression and promoter methylation in patients with alcohol dependence comparing acute and protracted withdrawal. Alcohol, 2011, 45, 541-547.	0.8	51
41	Building Cox-type structured hazard regression models with time-varying effects. Statistical Modelling, 2011, 11, 3-24.	0.5	15
42	Long-term Survival After Surgical Critical Illness. Annals of Surgery, 2010, 251, 1145-1153.	2.1	12
43	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
44	ACTIVITY-GUIDED ANTITHROMBIN III THERAPY IN SEVERE SURGICAL SEPSIS. Shock, 2008, 30, 634-641.	1.0	10
45	Prognostic factors in critically ill surgical patients requiring continuous renal replacement therapy. Journal of Nephrology, 2008, 21, 909-18.	0.9	13