

List of Publications by Year in descending order

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53
papers

1,126
citations

516215

16
h-index

433756

31
g-index

60
all docs

60
docs citations

60
times ranked

960
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast Adaptive Penalized Splines. <i>Journal of Computational and Graphical Statistics</i> , 2008, 17, 1-20.	0.9	109
2	Some Asymptotic Results on Generalized Penalized Spline Smoothing. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2009, 71, 487-503.	1.1	91
3	Males in the shade: habitat use and sexual segregation in the Galápagos sea lion (<i>Zalophus</i>). <i>Journal of Animal Ecology</i> , 2008, 77, 107-115.	0.6	90
4	Model-Assisted Estimation of Forest Resources With Generalized Additive Models. <i>Journal of the American Statistical Association</i> , 2007, 102, 400-409.	1.8	89
5	Expectile and quantile regression—David and Goliath?. <i>Statistical Modelling</i> , 2015, 15, 433-456.	0.5	80
6	A Note on Penalized Spline Smoothing With Correlated Errors. <i>Journal of the American Statistical Association</i> , 2007, 102, 1328-1337.	1.8	79
7	A note on smoothing parameter selection for penalized spline smoothing. <i>Journal of Statistical Planning and Inference</i> , 2005, 127, 53-69.	0.4	63
8	Penalized spline smoothing in multivariable survival models with varying coefficients. <i>Computational Statistics and Data Analysis</i> , 2005, 49, 169-186.	0.7	58
9	On confidence intervals for semiparametric expectile regression. <i>Statistics and Computing</i> , 2013, 23, 135-148.	0.8	43
10	Flexible Copula Density Estimation with Penalized Hierarchical B-splines. <i>Scandinavian Journal of Statistics</i> , 2013, 40, 685-705.	0.9	39
11	MODEL SELECTION FOR PENALIZED SPLINE SMOOTHING USING AKAIKE INFORMATION CRITERIA. <i>Australian and New Zealand Journal of Statistics</i> , 2007, 49, 173-190.	0.4	32
12	Bootstrapping for Penalized Spline Regression. <i>Journal of Computational and Graphical Statistics</i> , 2009, 18, 126-146.	0.9	27
13	Bicycle commuting in Melbourne during the 2000s energy crisis: A semiparametric analysis of intraday volumes. <i>Transportation Research Part B: Methodological</i> , 2011, 45, 1846-1862.	2.8	26
14	Density estimation and comparison with a penalized mixture approach. <i>Computational Statistics</i> , 2012, 27, 757-777.	0.8	26
15	Flexible pair-copula estimation in D-vines using bivariate penalized splines. <i>Statistics and Computing</i> , 2014, 24, 1081-1100.	0.8	23
16	Estimating Beta-Coefficients of German Stock Data: A Non-Parametric Approach. <i>European Journal of Finance</i> , 2007, 13, 503-522.	1.7	20
17	Tempus volat, hora fugit: A survey of time-oriented dynamic network models in discrete and continuous time. <i>Statistica Neerlandica</i> , 2020, 74, 275-299.	0.9	20
18	A statistical model for the dynamics of COVID-19 infections and their case detection ratio in 2020. <i>Biometrical Journal</i> , 2021, 63, 1623-1632.	0.6	14

#	ARTICLE	IF	CITATIONS
19	Modeling Microarray Data Using a Threshold Mixture Model. <i>Biometrics</i> , 2004, 60, 376-387.	0.8	12
20	Generalized Cross-Validation for Bandwidth Selection of Backfitting Estimates in Generalized Additive Models. <i>Journal of Computational and Graphical Statistics</i> , 2004, 13, 66-89.	0.9	12
21	Estimating the term structure of interest rates using penalized splines. <i>Statistical Papers</i> , 2006, 47, 443-459.	0.7	12
22	A hitchhiker's view on spatial statistics and spatial econometrics for lattice data. <i>Statistical Modelling</i> , 2012, 12, 419-440.	0.5	12
23	Duration of maternity leave in Germany: A case study of nonparametric hazard models and penalized splines. <i>Labour Economics</i> , 2010, 17, 466-473.	0.9	11
24	Smooth expectiles for panel data using penalized splines. <i>Statistics and Computing</i> , 2017, 27, 271-282.	0.8	10
25	Functional variance estimation using penalized splines with principal component analysis. <i>Statistics and Computing</i> , 2011, 21, 159-171.	0.8	9
26	Nonparametric models and their estimation. <i>A St A - Advances in Statistical Analysis</i> , 2006, 90, 137-152.	0.4	8
27	Separable and semiparametric network-based counting processes applied to the international combat aircraft trades. <i>Network Science</i> , 2021, 9, 291-311.	0.8	8
28	Understanding price elasticity for airline ancillary services. <i>Journal of Revenue and Pricing Management</i> , 2020, 19, 74-82.	0.7	7
29	Data Science: a proposal for a curriculum. <i>International Journal of Data Science and Analytics</i> , 2018, 6, 195-199.	2.4	6
30	Whether, when and which: Modelling advanced seat reservations by airline passengers. <i>Transportation Research, Part A: Policy and Practice</i> , 2020, 132, 490-514.	2.0	6
31	EM-based smooth graphon estimation using MCMC and spline-based approaches. <i>Social Networks</i> , 2022, 68, 279-295.	1.3	6
32	Penalized marginal likelihood estimation of finite mixtures of Archimedean copulas. <i>Computational Statistics</i> , 2014, 29, 283-306.	0.8	5
33	Full Time or Part Time Reemployment: A Competing Risk Model With Frailties and Smooth Effects Using a Penalty Based Approach. <i>Journal of Computational and Graphical Statistics</i> , 2009, 18, 106-125.	0.9	4
34	A Multifidelity Function-on-Function Model Applied to an Abdominal Aortic Aneurysm. <i>Technometrics</i> , 2022, 64, 279-290.	1.3	4
35	Discussion on On the role of data, statistics and decisions in a pandemic. <i>AStA Advances in Statistical Analysis</i> , 2022, 106, 387-390.	0.4	4
36	Statistical consulting. <i>AStA Advances in Statistical Analysis</i> , 2007, 91, 343-347.	0.4	3

#	ARTICLE	IF	CITATIONS
37	To move or not to move to find a new job: spatial duration time model with dynamic covariate effects. <i>Journal of Applied Statistics</i> , 2012, 39, 995-1009.	0.6	3
38	Unemployed in Germany: Factors Influencing the Risk of Losing the Job. <i>Research in World Economy</i> , 2014, 5, .	0.3	3
39	Scheinargumente bei Mietspiegeldebatte Was definiert "moderne Mietspiegel"? <i>Zeitschrift für Wirtschaftspolitik</i> , 2016, 65, 253-262.	0.1	3
40	Forecasting in nonlinear univariate time series using penalized splines. <i>Statistical Papers</i> , 2017, 58, 557-576.	0.7	3
41	Exploring dependence structures in the international arms trade network: A network autocorrelation approach. <i>Statistical Modelling</i> , 2020, 20, 195-218.	0.5	3
42	Bipartite exponential random graph models with nodal random effects. <i>Social Networks</i> , 2022, 70, 90-99.	1.3	3
43	A Smooth Test in Proportional Hazard Survival Models Using Local Partial Likelihood Fitting. <i>Lifetime Data Analysis</i> , 2003, 9, 373-393.	0.4	2
44	Examining heterogeneity in implied equity risk premium using penalized splines. <i>ASTA Advances in Statistical Analysis</i> , 2008, 92, 35-56.	0.4	2
45	Specialization and Convergence of Industry-Specific Employment in Germany: A Linear Mixed-Model Approach with Spatial Components. <i>Regional Studies</i> , 2016, 50, 326-341.	2.5	2
46	Exploring the statistical uncertainty in acceptable exposure limit values for hexavalent chromium exposure. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2018, 28, 69-75.	1.8	2
47	A smooth dynamic network model for patent collaboration data. <i>ASTA Advances in Statistical Analysis</i> , 2022, 106, 97-116.	0.4	2
48	Data Science als Studiengang. , 2018, , 87-95.		2
49	Semi-parametric regression when some (expensive) covariates are missing by design. <i>Statistical Papers</i> , 2020, 62, 1675.	0.7	1
50	A split questionnaire survey design in the context of statistical matching. <i>Statistical Methods and Applications</i> , 2021, 30, 1219.	0.7	1
51	A note on parallel sampling in Markov graphs. <i>Computational Statistics</i> , 2019, 34, 1087-1107.	0.8	0
52	Estimation of latent network flows in bike-sharing systems. <i>Statistical Modelling</i> , 0, , 1471082X2097191.	0.5	0
53	Intensity estimation on geometric networks with penalized splines. <i>Annals of Applied Statistics</i> , 2022, 16, .	0.5	0