

Ana-Maria Staicu

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

1,234
citations

394421

19
h-index

395702

33
g-index

56
all docs

56
docs citations

56
times ranked

991
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Additive Mixed Models. <i>Journal of Computational and Graphical Statistics</i> , 2015, 24, 477-501.	1.7	147
2	Generalized Multilevel Functional Regression. <i>Journal of the American Statistical Association</i> , 2009, 104, 1550-1561.	3.1	111
3	Functional Generalized Additive Models. <i>Journal of Computational and Graphical Statistics</i> , 2014, 23, 249-269.	1.7	106
4	Penalized function-on-function regression. <i>Computational Statistics</i> , 2015, 30, 539-568.	1.5	84
5	Fast methods for spatially correlated multilevel functional data. <i>Biostatistics</i> , 2010, 11, 177-194.	1.5	81
6	Variable selection in generalized functional linear models. <i>Stat</i> , 2013, 2, 86-101.	0.4	74
7	Longitudinal functional data analysis. <i>Stat</i> , 2015, 4, 212-226.	0.4	45
8	Scalar-on-image regression via the soft-thresholded Gaussian process. <i>Biometrika</i> , 2018, 105, 165-184.	2.4	43
9	Classical testing in functional linear models. <i>Journal of Nonparametric Statistics</i> , 2016, 28, 813-838.	0.9	40
10	Bootstrap-based inference on the difference in the means of two correlated functional processes. <i>Statistics in Medicine</i> , 2012, 31, 3223-3240.	1.6	37
11	Likelihood Ratio Tests for Dependent Data with Applications to Longitudinal and Functional Data Analysis. <i>Scandinavian Journal of Statistics</i> , 2014, 41, 932-949.	1.4	34
12	The Use of Functional Data Analysis to Evaluate Activity in a Spontaneous Model of Degenerative Joint Disease Associated Pain in Cats. <i>PLoS ONE</i> , 2017, 12, e0169576.	2.5	32
13	The impacts of perceptual load and driving duration on mind wandering in driving. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2018, 57, 75-83.	3.7	28
14	A Two-Sample Distribution-Free Test for Functional Data with Application to a Diffusion Tensor Imaging Study of Multiple Sclerosis. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2016, 65, 395-414.	1.0	27
15	Modeling Functional Data with Spatially Heterogeneous Shape Characteristics. <i>Biometrics</i> , 2012, 68, 331-343.	1.4	25
16	Additive Function-on-Function Regression. <i>Journal of Computational and Graphical Statistics</i> , 2018, 27, 234-244.	1.7	24
17	Multilevel Cross-Dependent Binary Longitudinal Data. <i>Biometrics</i> , 2013, 69, 903-913.	1.4	23
18	Significance tests for functional data with complex dependence structure. <i>Journal of Statistical Planning and Inference</i> , 2015, 156, 1-13.	0.6	23

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19	Global Analysis of Methylation Profiles From High Resolution CpG Data. <i>Genetic Epidemiology</i> , 2015, 39, 53-64.	1.3	19
20	Interaction models for functional regression. <i>Computational Statistics and Data Analysis</i> , 2016, 94, 317-329.	1.2	18
21	Marginal Functional Regression Models for Analyzing the Feeding Behavior of Pigs. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2015, 20, 353-370.	1.4	17
22	On probability matching priors. <i>Canadian Journal of Statistics</i> , 2008, 36, 613-622.	0.9	15
23	Functional Feature Construction for Individualized Treatment Regimes. <i>Journal of the American Statistical Association</i> , 2018, 113, 1219-1227.	3.1	13
24	Second order ancillary: A differential view from continuity. <i>Bernoulli</i> , 2010, 16, .	1.3	11
25	Interactive graphics for functional data analyses. <i>Stat</i> , 2016, 5, 108-118.	0.4	11
26	A note on modeling sparse exponential-family functional response curves. <i>Computational Statistics and Data Analysis</i> , 2017, 105, 46-52.	1.2	11
27	Simple fixed-effects inference for complex functional models. <i>Biostatistics</i> , 2018, 19, 137-152.	1.5	11
28	A multivariate spatial skew-t process for joint modeling of extreme precipitation indexes. <i>Environmetrics</i> , 2020, 31, e2602.	1.4	11
29	A lag functional linear model for prediction of magnetization transfer ratio in multiple sclerosis lesions. <i>Annals of Applied Statistics</i> , 2016, 10, .	1.1	10
30	Additive nonlinear functional concurrent model. <i>Statistics and Its Interface</i> , 2018, 11, 669-685.	0.3	10
31	A functional data analysis of spatiotemporal trends and variation in fine particulate matter. <i>Atmospheric Environment</i> , 2018, 184, 233-243.	4.1	8
32	A comparison of testing methods in scalar-on-function regression. <i>ASTA Advances in Statistical Analysis</i> , 2019, 103, 411-436.	0.9	8
33	A joint design for functional data with application to scheduling ultrasound scans. <i>Computational Statistics and Data Analysis</i> , 2018, 122, 101-114.	1.2	7
34	On the equivalence of prospective and retrospective likelihood methods in case-control studies. <i>Biometrika</i> , 2010, 97, 990-996.	2.4	6
35	Incorporating covariates in skewed functional data models. <i>Biostatistics</i> , 2015, 16, 413-426.	1.5	6
36	Fully Bayesian Spectral Methods for Imaging Data. <i>Biometrics</i> , 2018, 74, 645-652.	1.4	6

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37	Higher-order approximations for interval estimation in binomial settings. <i>Journal of Statistical Planning and Inference</i> , 2009, 139, 3393-3404.	0.6	5
38	Longitudinal Dynamic Functional Regression. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2020, 69, 25-46.	1.0	5
39	Scanâ€stratified caseâ€control sampling for modeling bloodâ€brain barrier integrity in multiple sclerosis. <i>Statistics in Medicine</i> , 2015, 34, 2872-2880.	1.6	4
40	A Smoothing-Based Goodness-of-Fit Test of Covariance for Functional Data. <i>Biometrics</i> , 2019, 75, 562-571.	1.4	4
41	A Spatio-Temporal Model for Longitudinal Image-on-Image Regression. <i>Statistics in Biosciences</i> , 2019, 11, 22-46.	1.2	4
42	Reduced Target Facilitation and Increased Distractor Suppression During Mind Wandering. <i>Experimental Psychology</i> , 2018, 65, 345-352.	0.7	4
43	Inference in functional linear quantile regression. <i>Journal of Multivariate Analysis</i> , 2022, 190, 104985.	1.0	4
44	Testing for additivity in nonâ€parametric regression. <i>Canadian Journal of Statistics</i> , 2016, 44, 445-462.	0.9	3
45	Hierarchical Continuous Time Hidden Markov Model, with Application in Zero-Inflated Accelerometer Data. <i>Emerging Topics in Statistics and Biostatistics</i> , 2020, , 125-142.	0.1	3
46	Optimal EMG placement for a robotic prosthesis controller with sequential, adaptive functional estimation (SAFE). <i>Annals of Applied Statistics</i> , 2020, 14, .	1.1	3
47	Analysis of AneuRisk65 data: Classification and curve registration. <i>Electronic Journal of Statistics</i> , 2014, 8, .	0.7	2
48	Glacier Terminus Estimation from Landsat Image Intensity Profiles. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2015, 20, 279-298.	1.4	2
49	Bayesian variable selection for highâ€dimensional rank data. <i>Environmetrics</i> , 2021, 32, e2682.	1.4	2
50	A nonparametric spatial test to identify factors that shape a microbiome. <i>Annals of Applied Statistics</i> , 2019, 13, .	1.1	2
51	A Spatio-Temporal Model for Longitudinal Image-on-Image Regression. <i>Statistics in Biosciences</i> , 2019, 11, 22-46.	1.2	2
52	The second order ancillary is rotation based. <i>Journal of Statistical Planning and Inference</i> , 2010, 140, 831-836.	0.6	1
53	Novel approach to modeling high-frequency activity data to assess therapeutic effects of analgesics in chronic pain conditions. <i>Scientific Reports</i> , 2021, 11, 7737.	3.3	1
54	Spatial Shrinkage Via the Product Independent Gaussian Process Prior. <i>Journal of Computational and Graphical Statistics</i> , 2021, 30, 1068-1080.	1.7	1

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55	Interview with Nancy Reid. <i>International Statistical Review</i> , 2017, 85, 381-403.	1.9	0