

# Linglong Kong

## List of Publications by Year in descending order

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42  
papers

749  
citations

623734

14  
h-index

642732

23  
g-index

43  
all docs

43  
docs citations

43  
times ranked

855  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multivariate varying coefficient model for functional responses. <i>Annals of Statistics</i> , 2012, 40, .	2.6	80
2	MULTIVARIATE VARYING COEFFICIENT MODEL FOR FUNCTIONAL RESPONSES. , 2012, 40, 2634-2666.		72
3	FADTTS: Functional analysis of diffusion tensor tract statistics. <i>NeuroImage</i> , 2011, 56, 1412-1425.	4.2	66
4	Spatially Varying Coefficient Model for Neuroimaging Data With Jump Discontinuities. <i>Journal of the American Statistical Association</i> , 2014, 109, 1084-1098.	3.1	65
5	Exposure to Urban Air Pollution and Bone Health in Clinically Healthy Six-year-old Children. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2013, 64, 23-34.	0.7	43
6	Partial functional linear quantile regression for neuroimaging data analysis. <i>Neurocomputing</i> , 2016, 195, 74-87.	5.9	43
7	Smooth depth contours characterize the underlying distribution. <i>Journal of Multivariate Analysis</i> , 2010, 101, 2222-2226.	1.0	28
8	Growing Story Forest Online from Massive Breaking News. , 2017, , .		28
9	HIV-associated sensory polyneuropathy and neuronal injury are associated with miRNAâ€“455-3p induction. <i>JCI Insight</i> , 2018, 3, .	5.0	28
10	A review of statistical methods in imaging genetics. <i>Canadian Journal of Statistics</i> , 2019, 47, 108-131.	0.9	27
11	A General Framework for Quantile Estimation with Incomplete Data. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2019, 81, 305-333.	2.2	25
12	Regularized quantile regression under heterogeneous sparsity with application to quantitative genetic traits. <i>Computational Statistics and Data Analysis</i> , 2016, 95, 222-239.	1.2	22
13	Association of pre-pregnancy BMI and gestational weight gain with fat mass distribution and accretion during pregnancy and early postpartum: a prospective study of Albertan women. <i>BMJ Open</i> , 2019, 9, e026908.	1.9	22
14	Quantile tomography: using quantiles with multivariate data. <i>Statistica Sinica</i> , 2012, , .	0.3	22
15	Sparse wavelet estimation in quantile regression with multiple functional predictors. <i>Computational Statistics and Data Analysis</i> , 2019, 136, 12-29.	1.2	19
16	Clinically Relevant Reperfusion in Acute Ischemic Stroke: MTT Performs Better than Tmax and TTP. <i>Translational Stroke Research</i> , 2014, 5, 415-421.	4.2	16
17	Machine learning models reveal neurocognitive impairment type and prevalence are associated with distinct variables in HIV/AIDS. <i>Journal of NeuroVirology</i> , 2020, 26, 41-51.	2.1	16
18	Advanced algorithms for penalized quantile and composite quantile regression. <i>Computational Statistics</i> , 2021, 36, 333-346.	1.5	16

#	ARTICLE	IF	CITATIONS
19	Wavelet-based LASSO in functional linear quantile regression. <i>Journal of Statistical Computation and Simulation</i> , 2019, 89, 1111-1130.	1.2	12
20	Trajectory modeling of gestational weight: A functional principal component analysis approach. <i>PLoS ONE</i> , 2017, 12, e0186761.	2.5	11
21	Model-Robust Designs for Quantile Regression. <i>Journal of the American Statistical Association</i> , 2015, 110, 233-245.	3.1	9
22	High-Dimensional Spatial Quantile Function-on-Scalar Regression. <i>Journal of the American Statistical Association</i> , 2022, 117, 1563-1578.	3.1	9
23	Multivariate Varying Coefficient Models for DTI Tract Statistics. <i>Lecture Notes in Computer Science</i> , 2010, 13, 690-697.	1.3	7
24	Measuring re-identification risk using a synthetic estimator to enable data sharing. <i>PLoS ONE</i> , 2022, 17, e0269097.	2.5	7
25	Significant Anatomy Detection Through Sparse Classification: A Comparative Study. <i>IEEE Transactions on Medical Imaging</i> , 2018, 37, 128-137.	8.9	6
26	Efficient robust doubly adaptive regularized regression with applications. <i>Statistical Methods in Medical Research</i> , 2019, 28, 2210-2226.	1.5	6
27	Testing independence of functional variables by angle covariance. <i>Journal of Multivariate Analysis</i> , 2021, 182, 104711.	1.0	5
28	Quantile regression in functional linear semiparametric model. <i>Statistics</i> , 2017, 51, 1342-1358.	0.6	4
29	M-estimation in Low-Rank Matrix Factorization: A General Framework. , 2019, , .		4
30	Predictive variables for peripheral neuropathy in treated HIV type 1 infection revealed by machine learning. <i>Aids</i> , 2021, 35, 1785-1793.	2.2	4
31	Estimation for the bivariate quantile varying coefficient model with application to diffusion tensor imaging data analysis. <i>Biostatistics</i> , 2023, 24, 465-480.	1.5	4
32	Functional Nonlinear Mixed Effects Models for Longitudinal Image Data. <i>Lecture Notes in Computer Science</i> , 2015, 24, 794-805.	1.3	4
33	Flexible quantile contour estimation for multivariate functional data: Beyond convexity. <i>Computational Statistics and Data Analysis</i> , 2022, 168, 107400.	1.2	4
34	Spatial Data Reconstruction via ADMM and Spatial Spline Regression. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1733.	2.5	3
35	Nonlocal spatial clustering in automated brain hematoma and edema segmentation. <i>Applied Stochastic Models in Business and Industry</i> , 2019, 35, 321-329.	1.5	3
36	Model-robust designs for nonlinear quantile regression. <i>Statistical Methods in Medical Research</i> , 2021, 30, 221-232.	1.5	2

#	ARTICLE	IF	CITATIONS
37	Reproducing kernelâ€based functional linear expectile regression. Canadian Journal of Statistics, 2022, 50, 241-266.	0.9	2
38	Sparse Multicategory Generalized Distance Weighted Discrimination in Ultra-High Dimensions. Entropy, 2020, 22, 1257.	2.2	1
39	Comparison of Prognostic Scoring Systems to Predict Durable Pain Relief After Microvascular Decompression for Trigeminal Neuralgia. World Neurosurgery, 2022, 157, e432-e440.	1.3	1
40	Recover Fine-Grained Spatial Data from Coarse Aggregation. , 2017, , .		0
41	Stable Anatomy Detection in Multimodal Imaging Through Sparse Group Regularization: A Comparative Study of Iron Accumulation in the Aging Brain. Frontiers in Human Neuroscience, 2021, 15, 641616.	2.0	0
42	Associations between Longitudinal Gestational Weight Gain and Scalar Infant Birth Weight: A Bayesian Joint Modeling Approach. Entropy, 2022, 24, 232.	2.2	0