

# Annie Qu

## List of Publications by Year in descending order

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54  
papers

1,261  
citations

567281

15  
h-index

395702

33  
g-index

55  
all docs

55  
docs citations

55  
times ranked

903  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving generalised estimating equations using quadratic inference functions. <i>Biometrika</i> , 2000, 87, 823-836.	2.4	336
2	Quadratic Inference Functions for Varying-Coefficient Models with Longitudinal Data. <i>Biometrics</i> , 2006, 62, 379-391.	1.4	146
3	Penalized Generalized Estimating Equations for High-Dimensional Longitudinal Data Analysis. <i>Biometrics</i> , 2012, 68, 353-360.	1.4	126
4	Consistent Model Selection for Marginal Generalized Additive Model for Correlated Data. <i>Journal of the American Statistical Association</i> , 2010, 105, 1518-1530.	3.1	72
5	Informative Estimation and Selection of Correlation Structure for Longitudinal Data. <i>Journal of the American Statistical Association</i> , 2012, 107, 701-710.	3.1	49
6	Diagnosis of Basal-Like Breast Cancer Using a FOXC1-Based Assay. <i>Journal of the National Cancer Institute</i> , 2015, 107, .	6.3	48
7	Inference Functions and Quadratic Score Tests. <i>Statistical Science</i> , 2003, 18, 394.	2.8	46
8	Building adaptive estimating equations when inverse of covariance estimation is difficult. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2003, 65, 127-142.	2.2	42
9	Multilayer tensor factorization with applications to recommender systems. <i>Annals of Statistics</i> , 2018, 46, .	2.6	33
10	Integrating Multisource Block-Wise Missing Data in Model Selection. <i>Journal of the American Statistical Association</i> , 2021, 116, 1914-1927.	3.1	26
11	Conditional Inference Functions for Mixed-Effects Models With Unspecified Random-Effects Distribution. <i>Journal of the American Statistical Association</i> , 2012, 107, 725-736.	3.1	25
12	Efficient Estimation for Patient-Specific Rates of Disease Progression Using Nonnormal Linear Mixed Models. <i>Biometrics</i> , 2008, 64, 29-38.	1.4	24
13	A Group-Specific Recommender System. <i>Journal of the American Statistical Association</i> , 2017, 112, 1344-1353.	3.1	22
14	Cluster analysis of longitudinal profiles with subgroups. <i>Electronic Journal of Statistics</i> , 2018, 12, .	0.7	20
15	Individualized Multidirectional Variable Selection. <i>Journal of the American Statistical Association</i> , 2021, 116, 1280-1296.	3.1	18
16	Highly Efficient Aggregate Unbiased Estimating Functions Approach for Correlated Data With Missing at Random. <i>Journal of the American Statistical Association</i> , 2010, 105, 194-204.	3.1	16
17	The impact of psychopathology, social adversity and stress-relevant DNA methylation on prospective risk for post-traumatic stress: A machine learning approach. <i>Journal of Affective Disorders</i> , 2021, 282, 894-905.	4.1	16
18	Robust Tests in Regression Models With Omnibus Alternatives and Bounded Influence. <i>Journal of the American Statistical Association</i> , 2007, 102, 347-358.	3.1	15

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19	Individualizing drug dosage with longitudinal data. <i>Statistics in Medicine</i> , 2016, 35, 4474-4488.	1.6	15
20	Mixture Modeling for Longitudinal Data. <i>Journal of Computational and Graphical Statistics</i> , 2016, 25, 1117-1137.	1.7	15
21	Efficient estimation for longitudinal data by combining large-dimensional moment conditions. <i>Electronic Journal of Statistics</i> , 2015, 9, .	0.7	14
22	Word segmentation in Chinese language processing. <i>Statistics and Its Interface</i> , 2017, 10, 165-173.	0.3	12
23	Individualized Multilayer Tensor Learning With an Application in Imaging Analysis. <i>Journal of the American Statistical Association</i> , 2020, 115, 836-851.	3.1	11
24	Improving Sales Forecasting Accuracy: A Tensor Factorization Approach with Demand Awareness. <i>INFORMS Journal on Computing</i> , 2022, 34, 1644-1660.	1.7	11
25	Classification With Unstructured Predictors and an Application to Sentiment Analysis. <i>Journal of the American Statistical Association</i> , 2016, 111, 1242-1253.	3.1	9
26	Community detection with dependent connectivity. <i>Annals of Statistics</i> , 2021, 49, .	2.6	9
27	Deep learning from a statistical perspective. <i>Stat</i> , 2020, 9, .	0.4	7
28	Estimating and Identifying Unspecified Correlation Structure for Longitudinal Data. <i>Journal of Computational and Graphical Statistics</i> , 2015, 24, 455-476.	1.7	6
29	Subgroup analysis based on structured mixed-effects models for longitudinal data. <i>Journal of Biopharmaceutical Statistics</i> , 2020, 30, 607-622.	0.8	6
30	Multicategory Angle-Based Learning for Estimating Optimal Dynamic Treatment Regimes With Censored Data. <i>Journal of the American Statistical Association</i> , 2022, 117, 1438-1451.	3.1	6
31	Model diagnostic tests for selecting informative correlation structure in correlated data. <i>Biometrika</i> , 2008, 95, 891-905.	2.4	5
32	Longitudinal Principal Component Analysis With an Application to Marketing Data. <i>Journal of Computational and Graphical Statistics</i> , 2020, 29, 335-350.	1.7	5
33	Topic Modeling on Triage Notes With Semiorthogonal Nonnegative Matrix Factorization. <i>Journal of the American Statistical Association</i> , 2021, 116, 1609-1624.	3.1	5
34	Efficient classification for longitudinal data. <i>Computational Statistics and Data Analysis</i> , 2014, 78, 119-134.	1.2	4
35	Weak signal identification and inference in penalized model selection. <i>Annals of Statistics</i> , 2017, 45, .	2.6	4
36	Personalized treatment for longitudinal data using unspecified random-effects model. <i>Statistica Sinica</i> , 2017, , .	0.3	4

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37	Heterogeneous Mediation Analysis on Epigenomic PTSD and Traumatic Stress in a Predominantly African American Cohort. <i>Journal of the American Statistical Association</i> , 2022, 117, 1669-1683.	3.1	4
38	Feasibility and validity of a statistical adjustment to reduce self-report bias of height and weight in wave 1 of the Add Health study. <i>BMC Medical Research Methodology</i> , 2016, 16, 124.	3.1	3
39	Correlation Tensor Decomposition and Its Application in Spatial Imaging Data. <i>Journal of the American Statistical Association</i> , 2023, 118, 440-456.	3.1	3
40	An Overview on Quadratic Inference Function Approaches for Longitudinal Data. <i>Frontiers of Statistics</i> , 2009, , 49-72.	0.2	3
41	Query-Augmented Active Metric Learning. <i>Journal of the American Statistical Association</i> , 2023, 118, 1862-1875.	3.1	3
42	Correlation structure selection for longitudinal data with diverging cluster size. <i>Canadian Journal of Statistics</i> , 2016, 44, 343-360.	0.9	2
43	A Logistic Factorization Model for Recommender Systems With Multinomial Responses. <i>Journal of Computational and Graphical Statistics</i> , 2020, 29, 396-404.	1.7	2
44	Longitudinal clustering for heterogeneous binary data. <i>Statistica Sinica</i> , 2021, , .	0.3	2
45	Dermscopic Image Classification with Neural Style Transfer. <i>Journal of Computational and Graphical Statistics</i> , 0, , 1-30.	1.7	2
46	DNA methylation of Nuclear Factor of Activated T Cells 1 mediates the prospective relation between exposure to different traumatic event types and post-traumatic stress disorder. <i>Psychiatry Research</i> , 2022, 311, 114510.	3.3	2
47	Discussion of Fan et al.'s paper "Gaining efficiency via weighted estimators for multivariate failure time data". <i>Science in China Series A: Mathematics</i> , 2009, 52, 1134-1136.	0.5	1
48	Time-varying correlation structure estimation and local-feature detection for spatio-temporal data. <i>Journal of Multivariate Analysis</i> , 2018, 168, 221-239.	1.0	1
49	Scalable Collaborative Ranking for Personalized Prediction. <i>Journal of the American Statistical Association</i> , 2021, 116, 1215-1223.	3.1	1
50	Time-varying feature selection for longitudinal analysis. <i>Statistics in Medicine</i> , 2020, 39, 156-170.	1.6	1
51	A weak-signal-assisted procedure for variable selection and statistical inference with an informative subsample. <i>Biometrics</i> , 2021, 77, 996-1010.	1.4	1
52	Weighted AutoEncoding recommender system. <i>Statistical Analysis and Data Mining</i> , 2022, 15, 570-585.	2.8	1
53	Tensor factorization recommender systems with dependency. <i>Electronic Journal of Statistics</i> , 2022, 16, .	0.7	1
54	High-Order Joint Embedding for Multi-Level Link Prediction. <i>Journal of the American Statistical Association</i> , 2023, 118, 1692-1706.	3.1	0