

# A A Ding

## List of Publications by Year in descending order

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52  
papers

1,411  
citations

471509

17  
h-index

361022

35  
g-index

52  
all docs

52  
docs citations

52  
times ranked

937  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction Intervals for Artificial Neural Networks. Journal of the American Statistical Association, 1997, 92, 748-757.	3.1	250
2	Population HIV-1 Dynamics In Vivo: Applicable Models and Inferential Tools for Virological Data from AIDS Clinical Trials. Biometrics, 1999, 55, 410-418.	1.4	223
3	Estimation of HIV dynamic parameters. , 1998, 17, 2463-2485.		99
4	Relationships between antiviral treatment effects and biphasic viral decay rates in modeling HIV dynamics. Mathematical Biosciences, 1999, 160, 63-82.	1.9	86
5	Prediction Intervals, Factor Analysis Models, and High-Dimensional Empirical Linear Prediction. Journal of the American Statistical Association, 1999, 94, 446-455.	3.1	72
6	On assessing the association for bivariate current status data. Biometrika, 2000, 87, 879-893.	2.4	66
7	A Statistical Model for DPA with Novel Algorithmic Confusion Analysis. Lecture Notes in Computer Science, 2012, , 233-250.	1.3	63
8	Assessing antiviral potency of anti-HIV therapies in vivo by comparing viral decay rates in viral dynamic models. Biostatistics, 2001, 2, 13-29.	1.5	56
9	Regression Analysis Based on Semicompeting Risks Data. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2008, 70, 3-20.	2.2	50
10	A Class of Discrete Transformation Survival Models With Application to Default Probability Prediction. Journal of the American Statistical Association, 2012, 107, 990-1003.	3.1	33
11	Prediction Intervals for Artificial Neural Networks. Journal of the American Statistical Association, 1997, 92, 748.	3.1	32
12	Backpropagation of pseudoerrors: neural networks that are adaptive to heterogeneous noise. IEEE Transactions on Neural Networks, 2003, 14, 253-262.	4.2	30
13	Simpler, Faster, and More Robust T-Test Based Leakage Detection. Lecture Notes in Computer Science, 2016, , 163-183.	1.3	28
14	A Comparison Study of Models and Fitting Procedures for Biphasic Viral Dynamics in HIV-1 Infected Patients Treated with Antiviral Therapies. Biometrics, 2000, 56, 293-300.	1.4	26
15	Testing Independence for Bivariate Current Status Data. Journal of the American Statistical Association, 2004, 99, 145-155.	3.1	24
16	A statistics-based success rate model for DPA and CPA. Journal of Cryptographic Engineering, 2015, 5, 227-243.	1.8	24
17	Design of Viral Dynamic Studies for Efficiently Assessing Potency of Anti-HIV Therapies in AIDS Clinical Trials. Biometrical Journal, 2002, 44, 175-196.	1.0	21
18	Marginal Regression Analysis for Semi-Competing Risks Data Under Dependent Censoring. Scandinavian Journal of Statistics, 2009, 36, 481-500.	1.4	19

#	ARTICLE	IF	CITATIONS
19	Neural-network prediction with noisy predictors. IEEE Transactions on Neural Networks, 1999, 10, 1196-1203.	4.2	18
20	Towards Sound and Optimal Leakage Detection Procedure. Lecture Notes in Computer Science, 2018, , 105-122.	1.3	17
21	Power Analysis Attack of an AES GPU Implementation. Journal of Hardware and Systems Security, 2018, 2, 69-82.	1.3	15
22	Differential Fault Analysis of SHA3-224 and SHA3-256. , 2016, , .		14
23	Side-channel analysis of MAC-Keccak hardware implementations. , 2015, , .		12
24	Power analysis attack on hardware implementation of MAC-Keccak on FPGAs. , 2014, , .		10
25	Side-channel power analysis of different protection schemes against fault attacks on AES. , 2014, , .		10
26	Why are the decay rates in plasma HIV-1 different for different treatments and in different patient populations?. Aids, 1999, 13, 429.	2.2	10
27	Differences in activity level between cownose rays ( <i>Rhinoptera bonasus</i> ) and Atlantic stingrays ( <i>Dasyatis sabina</i> ) are related to differences in heart mass, hemoglobin concentration, and gill surface area. Fish Physiology and Biochemistry, 2012, 38, 1409-1417.	2.3	9
28	Inappropriate Model-Fitting Methods May Lead to Significant Underestimates of Viral Decay Rates in HIV Dynamic Studies. Journal of Acquired Immune Deficiency Syndromes (1999), 1999, 21, 426.	2.1	8
29	Copula identifiability conditions for dependent truncated data model. Lifetime Data Analysis, 2012, 18, 397-407.	0.9	8
30	Regression Analysis for Recurrent Events Data under Dependent Censoring. Biometrics, 2011, 67, 719-729.	1.4	7
31	Side-channel power analysis of XTS-AES. , 2017, , .		7
32	Differential Fault Analysis of SHA-3 Under Relaxed Fault Models. Journal of Hardware and Systems Security, 2017, 1, 156-172.	1.3	7
33	Identifiability conditions for covariate effects model on survival times under informative censoring. Statistics and Probability Letters, 2010, 80, 911-915.	0.7	6
34	Towards secure cryptographic software implementation against side-channel power analysis attacks. , 2015, , .		6
35	Prediction Intervals, Factor Analysis Models, and High-Dimensional Empirical Linear Prediction. Journal of the American Statistical Association, 1999, 94, 446.	3.1	6
36	Quantile Regression Based on Semi-Competing Risks Data. Open Journal of Statistics, 2013, 03, 12-26.	0.7	6

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37	Estimation of ordinary differential equation parameters using constrained local polynomial regression. <i>Statistica Sinica</i> , 2014, 24, 1613-1631.	0.3	6
38	A Unified Metric for Quantifying Information Leakage of Cryptographic Devices Under Power Analysis Attacks. <i>Lecture Notes in Computer Science</i> , 2015, , 338-360.	1.3	5
39	Masking Feedforward Neural Networks Against Power Analysis Attacks. <i>Proceedings on Privacy Enhancing Technologies</i> , 2022, 2022, 501-521.	2.8	5
40	Efficient 2nd-order power analysis on masked devices utilizing multiple leakage. , 2015, , .		3
41	Local linear estimation of concordance probability with application to covariate effects models on association for bivariate failure-time data. <i>Lifetime Data Analysis</i> , 2015, 21, 42-74.	0.9	3
42	A Statistical Procedure for Detecting Highly Correlated Genes with a Pre-Specified Candidate Gene in Microarray Analysis. <i>Communications in Statistics - Theory and Methods</i> , 2008, 37, 2991-3007.	1.0	2
43	Comprehensive Side-Channel Power Analysis of XTS-AES. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2019, 38, 2191-2200.	2.7	2
44	Double-structured sparse multitask regression with application of statistical downscaling. <i>Environmetrics</i> , 2019, 30, e2534.	1.4	2
45	Efficient Nonprofiling 2nd-Order Power Analysis on Masked Devices Utilizing Multiple Leakage Points. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2019, 16, 843-855.	5.4	2
46	Estimation of HIV dynamic parameters. <i>Statistics in Medicine</i> , 1998, 17, 2463-2485.	1.6	2
47	Compiler-Assisted Threshold Implementation against Power Analysis Attacks. , 2017, , .		1
48	Confidence sets for high-dimensional empirical linear prediction (HELP) models with dependent error structure. <i>Journal of Statistical Planning and Inference</i> , 2003, 113, 189-213.	0.6	0
49	Inference for Bivariate Survival Data by Copula Models Adjusted for the Boundary Effect. <i>Communications in Statistics - Theory and Methods</i> , 2007, 36, 2927-2936.	1.0	0
50	Two-stage adaptive enrichment design for testing an active factor. <i>Journal of Biopharmaceutical Statistics</i> , 2020, 30, 18-30.	0.8	0
51	A far-near sparse covariance model with application in climatology. <i>Environmental and Ecological Statistics</i> , 2020, 27, 709-727.	3.5	0
52	Does judicial foreclosure procedure help delinquent subprime mortgage borrowers?. <i>Journal of Empirical Legal Studies</i> , 0, , .	0.8	0