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List of Publications by Year in descending order

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52
papers

1,411
citations

471509

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35
g-index

52
all docs

52
docs citations

52
times ranked

937
citing authors

#	ARTICLE	IF	CITATIONS
1	Masking Feedforward Neural Networks Against Power Analysis Attacks. Proceedings on Privacy Enhancing Technologies, 2022, 2022, 501-521.	2.8	5
2	Two-stage adaptive enrichment design for testing an active factor. Journal of Biopharmaceutical Statistics, 2020, 30, 18-30.	0.8	0
3	A far-near sparse covariance model with application in climatology. Environmental and Ecological Statistics, 2020, 27, 709-727.	3.5	0
4	Comprehensive Side-Channel Power Analysis of XTS-AES. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2019, 38, 2191-2200.	2.7	2
5	Double-structured sparse multitask regression with application of statistical downscaling. Environmetrics, 2019, 30, e2534.	1.4	2
6	Efficient Nonprofiling 2nd-Order Power Analysis on Masked Devices Utilizing Multiple Leakage Points. IEEE Transactions on Dependable and Secure Computing, 2019, 16, 843-855.	5.4	2
7	Power Analysis Attack of an AES GPU Implementation. Journal of Hardware and Systems Security, 2018, 2, 69-82.	1.3	15
8	Towards Sound and Optimal Leakage Detection Procedure. Lecture Notes in Computer Science, 2018, , 105-122.	1.3	17
9	Side-channel power analysis of XTS-AES. , 2017, , .		7
10	Differential Fault Analysis of SHA-3 Under Relaxed Fault Models. Journal of Hardware and Systems Security, 2017, 1, 156-172.	1.3	7
11	Compiler-Assisted Threshold Implementation against Power Analysis Attacks. , 2017, , .		1
12	Differential Fault Analysis of SHA3-224 and SHA3-256. , 2016, , .		14
13	Simpler, Faster, and More Robust T-Test Based Leakage Detection. Lecture Notes in Computer Science, 2016, , 163-183.	1.3	28
14	A Unified Metric for Quantifying Information Leakage of Cryptographic Devices Under Power Analysis Attacks. Lecture Notes in Computer Science, 2015, , 338-360.	1.3	5
15	Side-channel analysis of MAC-Keccak hardware implementations. , 2015, , .		12
16	Efficient 2nd-order power analysis on masked devices utilizing multiple leakage. , 2015, , .		3
17	Towards secure cryptographic software implementation against side-channel power analysis attacks. , 2015, , .		6
18	A statistics-based success rate model for DPA and CPA. Journal of Cryptographic Engineering, 2015, 5, 227-243.	1.8	24

#	ARTICLE	IF	CITATIONS
19	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
20	Power analysis attack on hardware implementation of MAC-Keccak on FPGAs. , 2014, , .		10
21	Side-channel power analysis of different protection schemes against fault attacks on AES. , 2014, , .		10
22	Estimation of ordinary differential equation parameters using constrained local polynomial regression. <i>Statistica Sinica</i> , 2014, 24, 1613-1631.	0.3	6
23	Quantile Regression Based on Semi-Competing Risks Data. <i>Open Journal of Statistics</i> , 2013, 03, 12-26.	0.7	6
24	A Class of Discrete Transformation Survival Models With Application to Default Probability Prediction. <i>Journal of the American Statistical Association</i> , 2012, 107, 990-1003.	3.1	33
25	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. <i>Fish Physiology and Biochemistry</i> , 2012, 38, 1409-1417.	2.3	9
26	Copula identifiability conditions for dependent truncated data model. <i>Lifetime Data Analysis</i> , 2012, 18, 397-407.	0.9	8
27	A Statistical Model for DPA with Novel Algorithmic Confusion Analysis. <i>Lecture Notes in Computer Science</i> , 2012, , 233-250.	1.3	63
28	Regression Analysis for Recurrent Events Data under Dependent Censoring. <i>Biometrics</i> , 2011, 67, 719-729.	1.4	7
29	Identifiability conditions for covariate effects model on survival times under informative censoring. <i>Statistics and Probability Letters</i> , 2010, 80, 911-915.	0.7	6
30	Marginal Regression Analysis for Semi-Competing Risks Data Under Dependent Censoring. <i>Scandinavian Journal of Statistics</i> , 2009, 36, 481-500.	1.4	19
31	Regression Analysis Based on Semicompeting Risks Data. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2008, 70, 3-20.	2.2	50
32	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
33	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
34	Testing Independence for Bivariate Current Status Data. <i>Journal of the American Statistical Association</i> , 2004, 99, 145-155.	3.1	24
35	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
36	Backpropagation of pseudoerrors: neural networks that are adaptive to heterogeneous noise. <i>IEEE Transactions on Neural Networks</i> , 2003, 14, 253-262.	4.2	30

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37	Design of Viral Dynamic Studies for Efficiently Assessing Potency of Anti-HIV Therapies in AIDS Clinical Trials. <i>Biometrical Journal</i> , 2002, 44, 175-196.	1.0	21
38	Assessing antiviral potency of anti-HIV therapies in vivo by comparing viral decay rates in viral dynamic models. <i>Biostatistics</i> , 2001, 2, 13-29.	1.5	56
39	A Comparison Study of Models and Fitting Procedures for Biphasic Viral Dynamics in HIV-1 Infected Patients Treated with Antiviral Therapies. <i>Biometrics</i> , 2000, 56, 293-300.	1.4	26
40	On assessing the association for bivariate current status data. <i>Biometrika</i> , 2000, 87, 879-893.	2.4	66
41	Population HIV-1 Dynamics In Vivo: Applicable Models and Inferential Tools for Virological Data from AIDS Clinical Trials. <i>Biometrics</i> , 1999, 55, 410-418.	1.4	223
42	Neural-network prediction with noisy predictors. <i>IEEE Transactions on Neural Networks</i> , 1999, 10, 1196-1203.	4.2	18
43	Relationships between antiviral treatment effects and biphasic viral decay rates in modeling HIV dynamics. <i>Mathematical Biosciences</i> , 1999, 160, 63-82.	1.9	86
44	Prediction Intervals, Factor Analysis Models, and High-Dimensional Empirical Linear Prediction. <i>Journal of the American Statistical Association</i> , 1999, 94, 446-455.	3.1	72
45	Inappropriate Model-Fitting Methods May Lead to Significant Underestimates of Viral Decay Rates in HIV Dynamic Studies. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 1999, 21, 426.	2.1	8
46	Why are the decay rates in plasma HIV-1 different for different treatments and in different patient populations?. <i>Aids</i> , 1999, 13, 429.	2.2	10
47	Prediction Intervals, Factor Analysis Models, and High-Dimensional Empirical Linear Prediction. <i>Journal of the American Statistical Association</i> , 1999, 94, 446.	3.1	6
48	Estimation of HIV dynamic parameters. , 1998, 17, 2463-2485.		99
49	Estimation of HIV dynamic parameters. <i>Statistics in Medicine</i> , 1998, 17, 2463-2485.	1.6	2
50	Prediction Intervals for Artificial Neural Networks. <i>Journal of the American Statistical Association</i> , 1997, 92, 748-757.	3.1	250
51	Prediction Intervals for Artificial Neural Networks. <i>Journal of the American Statistical Association</i> , 1997, 92, 748.	3.1	32
52	Does judicial foreclosure procedure help delinquent subprime mortgage borrowers?. <i>Journal of Empirical Legal Studies</i> , 0, , .	0.8	0