

Arthur Gretton

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8698330/publications.pdf>

Version: 2024-02-01

39
papers

4,172
citations

448610

19
h-index

511568

30
g-index

40
all docs

40
docs citations

40
times ranked

4459
citing authors

#	ARTICLE	IF	CITATIONS
1	A Kernel Log-Rank Test of Independence for Right-Censored Data. Journal of the American Statistical Association, 2023, 118, 925-936.	1.8	3
2	Model-based kernel sum rule: kernel Bayesian inference with probabilistic models. Machine Learning, 2020, 109, 939-972.	3.4	0
3	Conditional BRUNO: A neural process for exchangeable labelled data. Neurocomputing, 2020, 416, 305-309.	3.5	0
4	Antithetic and Monte Carlo kernel estimators for partial rankings. Statistics and Computing, 2019, 29, 1127-1147.	0.8	5
5	Large-scale kernel methods for independence testing. Statistics and Computing, 2018, 28, 113-130.	0.8	46
6	GP-Select: Accelerating EM Using Adaptive Subspace Preselection. Neural Computation, 2017, 29, 2177-2202.	1.3	6
7	Recovery of non-linear cause-effect relationships from linearly mixed neuroimaging data. , 2016, , .		2
8	MERLiN: Mixture Effect Recovery in Linear Networks. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 1254-1266.	7.3	4
9	Filtering with State-Observation Examples via Kernel Monte Carlo Filter. Neural Computation, 2016, 28, 382-444.	1.3	11
10	Equivalence of distance-based and RKHS-based statistics in hypothesis testing. Annals of Statistics, 2013, 41, .	1.4	288
11	Kernel Embeddings of Conditional Distributions: A Unified Kernel Framework for Nonparametric Inference in Graphical Models. IEEE Signal Processing Magazine, 2013, 30, 98-111.	4.6	110
12	Taxonomic Prediction with Tree-Structured Covariances. Lecture Notes in Computer Science, 2013, , 304-319.	1.0	3
13	On the empirical estimation of integral probability metrics. Electronic Journal of Statistics, 2012, 6, .	0.4	76
14	Semi-supervised kernel canonical correlation analysis with application to human fMRI. Pattern Recognition Letters, 2011, 32, 1572-1583.	2.6	42
15	Temporal kernel CCA and its application in multimodal neuronal data analysis. Machine Learning, 2010, 79, 5-27.	3.4	77
16	Discriminative frequent subgraph mining with optimality guarantees. Statistical Analysis and Data Mining, 2010, 3, 302-318.	1.4	32
17	Non-parametric estimation of integral probability metrics. , 2010, , .		9
18	Characteristic Kernels on Structured Domains Excel in Robotics and Human Action Recognition. Lecture Notes in Computer Science, 2010, , 264-279.	1.0	4

#	ARTICLE	IF	CITATIONS
19	Near-optimal supervised feature selection among frequent subgraphs. , 2009, , .		76
20	Kernel Methods for Detecting the Direction of Time Series. Studies in Classification, Data Analysis, and Knowledge Organization, 2009, , 57-66.	0.1	2
21	Detecting the direction of causal time series. , 2009, , .		18
22	Fast Kernel-Based Independent Component Analysis. IEEE Transactions on Signal Processing, 2009, 57, 3498-3511.	3.2	44
23	Generalized Clustering via Kernel Embeddings. Lecture Notes in Computer Science, 2009, , 144-152.	1.0	23
24	Discussion of: Brownian distance covariance. Annals of Applied Statistics, 2009, 3, .	0.5	12
25	Comparison of pattern recognition methods in classifying high-resolution BOLD signals obtained at high magnetic field in monkeys. Magnetic Resonance Imaging, 2008, 26, 1007-1014.	1.0	61
26	Low-Frequency Local Field Potentials and Spikes in Primary Visual Cortex Convey Independent Visual Information. Journal of Neuroscience, 2008, 28, 5696-5709.	1.7	381
27	Tailoring density estimation via reproducing kernel moment matching. , 2008, , .		20
28	Inferring Spike Trains From Local Field Potentials. Journal of Neurophysiology, 2008, 99, 1461-1476.	0.9	201
29	Semi-supervised Laplacian Regularization of Kernel Canonical Correlation Analysis. Lecture Notes in Computer Science, 2008, , 133-145.	1.0	37
30	Nonparametric Independence Tests: Space Partitioning and Kernel Approaches. Lecture Notes in Computer Science, 2008, , 183-198.	1.0	9
31	Supervised feature selection via dependence estimation. , 2007, , .		216
32	A dependence maximization view of clustering. , 2007, , .		68
33	Gene selection via the BAHSIC family of algorithms. Bioinformatics, 2007, 23, i490-i498.	1.8	44
34	A Hilbert Space Embedding for Distributions. Lecture Notes in Computer Science, 2007, , 13-31.	1.0	318
35	A Hilbert Space Embedding for Distributions. , 2007, , 40-41.		31
36	An online support vector machine for abnormal events detection. Signal Processing, 2006, 86, 2009-2025.	2.1	92

#	ARTICLE	IF	CITATIONS
37	Integrating structured biological data by Kernel Maximum Mean Discrepancy. <i>Bioinformatics</i> , 2006, 22, e49-e57.	1.8	1,037
38	Measuring Statistical Dependence with Hilbert-Schmidt Norms. <i>Lecture Notes in Computer Science</i> , 2005, , 63-77.	1.0	723
39	Optimized support vector machines for nonstationary signal classification. <i>IEEE Signal Processing Letters</i> , 2002, 9, 442-445.	2.1	36