

Taiji Suzuki

List of Publications by Year in descending order

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35
papers

813
citations

840776

11
h-index

526287

27
g-index

35
all docs

35
docs citations

35
times ranked

610
citing authors

#	ARTICLE	IF	CITATIONS
1	Goodness-of-fit test for latent block models. Computational Statistics and Data Analysis, 2021, 154, 107090.	1.2	3
2	Bayesian optimization design for dose-finding based on toxicity and efficacy outcomes in phase I clinical trials. Pharmaceutical Statistics, 2021, 20, 422-439.	1.3	3
3	Selective inference for latent block models. Electronic Journal of Statistics, 2021, 15, .	0.7	1
4	Estimation error analysis of deep learning on the regression problem on the variable exponent Besov space. Electronic Journal of Statistics, 2021, 15, .	0.7	3
5	Bayesian optimization for estimating the maximum tolerated dose in Phase I clinical trials. Contemporary Clinical Trials Communications, 2021, 21, 100753.	1.1	2
6	Sharp characterization of optimal minibatch size for stochastic finite sum convex optimization. Knowledge and Information Systems, 2021, 63, 2513-2539.	3.2	0
7	Deep two-way matrix reordering for relational data analysis. Neural Networks, 2021, 146, 303-315.	5.9	1
8	AutoLL: Automatic Linear Layout of Graphs based on Deep Neural Network. , 2021, , .		0
9	On the minimax optimality and superiority of deep neural network learning over sparse parameter spaces. Neural Networks, 2020, 123, 343-361.	5.9	15
10	A reproducing kernel Hilbert space approach to high dimensional partially varying coefficient model. Computational Statistics and Data Analysis, 2020, 152, 107039.	1.2	3
11	Independently Interpretable Lasso for Generalized Linear Models. Neural Computation, 2020, 32, 1168-1221.	2.2	2
12	Generalized ridge estimator and model selection criteria in multivariate linear regression. Journal of Multivariate Analysis, 2018, 165, 243-261.	1.0	6
13	Adam Induces Implicit Weight Sparsity in Rectifier Neural Networks. , 2018, , .		9
14	Short-term local weather forecast using dense weather station by deep neural network. , 2018, , .		22
15	Learning sparse structural changes in high-dimensional Markov networks. Behaviormetrika, 2017, 44, 265-286.	1.3	10
16	System identification and parameter estimation in mathematical medicine: examples demonstrated for prostate cancer. Quantitative Biology, 2016, 4, 13-19.	0.5	3
17	STOCHASTIC ALTERNATING DIRECTION METHOD OF MULTIPLIERS FOR STRUCTURED REGULARIZATION. Journal of the Japanese Society of Computational Statistics, 2015, 28, 105-124.	0.2	0
18	Direct Learning of Sparse Changes in Markov Networks by Density Ratio Estimation. Neural Computation, 2014, 26, 1169-1197.	2.2	16

#	ARTICLE	IF	CITATIONS
19	Computational complexity of kernel-based density-ratio estimation: a condition number analysis. <i>Machine Learning</i> , 2013, 90, 431-460.	5.4	11
20	Relative Density-Ratio Estimation for Robust Distribution Comparison. <i>Neural Computation</i> , 2013, 25, 1324-1370.	2.2	74
21	Nonlinear system identification for prostate cancer and optimality of intermittent androgen suppression therapy. <i>Mathematical Biosciences</i> , 2013, 245, 40-48.	1.9	6
22	Density-Difference Estimation. <i>Neural Computation</i> , 2013, 25, 2734-2775.	2.2	49
23	Direct Divergence Approximation between Probability Distributions and Its Applications in Machine Learning. <i>Journal of Computing Science and Engineering</i> , 2013, 7, 99-111.	0.6	32
24	Improvement of multiple kernel learning using adaptively weighted regularization. <i>JSIAM Letters</i> , 2013, 5, 49-52.	0.5	0
25	Density-ratio matching under the Bregman divergence: a unified framework of density-ratio estimation. <i>Annals of the Institute of Statistical Mathematics</i> , 2012, 64, 1009-1044.	0.8	72
26	Statistical analysis of kernel-based least-squares density-ratio estimation. <i>Machine Learning</i> , 2012, 86, 335-367.	5.4	47
27	SpicyMKL: a fast algorithm for Multiple Kernel Learning with thousands of kernels. <i>Machine Learning</i> , 2011, 85, 77-108.	5.4	47
28	Least-Squares Independent Component Analysis. <i>Neural Computation</i> , 2011, 23, 284-301.	2.2	29
29	Piecewise affine systems modelling for optimizing hormone therapy of prostate cancer. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010, 368, 5045-5059.	3.4	31
30	On Prior Selection and Covariate Shift of $\hat{\mu}^2$ -Bayesian Prediction Under $\hat{\mu}_{\pm}$ -Divergence Risk. <i>Communications in Statistics - Theory and Methods</i> , 2010, 39, 1655-1673.	1.0	4
31	A Density-ratio Framework for Statistical Data Processing. <i>IPSI Transactions on Computer Vision and Applications</i> , 2009, 1, 183-208.	4.4	32
32	Direct importance estimation for covariate shift adaptation. <i>Annals of the Institute of Statistical Mathematics</i> , 2008, 60, 699-746.	0.8	273
33	A Hybrid Systems Approach to Hormonal Therapy of Prostate Cancer and its Nonlinear Dynamics. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	2
34	Game-Theoretic Derivation of Discrete Distributions and Discrete Pricing Formulas. <i>Journal of the Japan Statistical Society</i> , 2007, 37, 87-104.	0.1	4
35	Use of primal-dual technique in the network algorithm for two-way contingency tables. <i>Japan Journal of Industrial and Applied Mathematics</i> , 2005, 22, 133-145.	0.9	1