

# Taiji Suzuki

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Direct importance estimation for covariate shift adaptation. Annals of the Institute of Statistical Mathematics, 2008, 60, 699-746.	0.8	273
2	Relative Density-Ratio Estimation for Robust Distribution Comparison. Neural Computation, 2013, 25, 1324-1370.	2.2	74
3	Density-ratio matching under the Bregman divergence: a unified framework of density-ratio estimation. Annals of the Institute of Statistical Mathematics, 2012, 64, 1009-1044.	0.8	72
4	Density-Difference Estimation. Neural Computation, 2013, 25, 2734-2775.	2.2	49
5	SpicyMKL: a fast algorithm for Multiple Kernel Learning with thousands of kernels. Machine Learning, 2011, 85, 77-108.	5.4	47
6	Statistical analysis of kernel-based least-squares density-ratio estimation. Machine Learning, 2012, 86, 335-367.	5.4	47
7	A Density-ratio Framework for Statistical Data Processing. IPSJ Transactions on Computer Vision and Applications, 2009, 1, 183-208.	4.4	32
8	Direct Divergence Approximation between Probability Distributions and Its Applications in Machine Learning. Journal of Computing Science and Engineering, 2013, 7, 99-111.	0.6	32
9	Piecewise affine systems modelling for optimizing hormone therapy of prostate cancer. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 5045-5059.	3.4	31
10	Least-Squares Independent Component Analysis. Neural Computation, 2011, 23, 284-301.	2.2	29
11	Short-term local weather forecast using dense weather station by deep neural network. , 2018, , .		22
12	Direct Learning of Sparse Changes in Markov Networks by Density Ratio Estimation. Neural Computation, 2014, 26, 1169-1197.	2.2	16
13	On the minimax optimality and superiority of deep neural network learning over sparse parameter spaces. Neural Networks, 2020, 123, 343-361.	5.9	15
14	Computational complexity of kernel-based density-ratio estimation: a condition number analysis. Machine Learning, 2013, 90, 431-460.	5.4	11
15	Learning sparse structural changes in high-dimensional Markov networks. Behaviormetrika, 2017, 44, 265-286.	1.3	10
16	Adam Induces Implicit Weight Sparsity in Rectifier Neural Networks. , 2018, , .		9
17	Nonlinear system identification for prostate cancer and optimality of intermittent androgen suppression therapy. Mathematical Biosciences, 2013, 245, 40-48.	1.9	6
18	Generalized ridge estimator and model selection criteria in multivariate linear regression. Journal of Multivariate Analysis, 2018, 165, 243-261.	1.0	6

#	ARTICLE	IF	CITATIONS
19	On Prior Selection and Covariate Shift of $\hat{\mu}^2$ -Bayesian Prediction Under $\hat{\mu}_{\pm}$ -Divergence Risk. Communications in Statistics - Theory and Methods, 2010, 39, 1655-1673.	1.0	4
20	Game-Theoretic Derivation of Discrete Distributions and Discrete Pricing Formulas. Journal of the Japan Statistical Society, 2007, 37, 87-104.	0.1	4
21	System identification and parameter estimation in mathematical medicine: examples demonstrated for prostate cancer. Quantitative Biology, 2016, 4, 13-19.	0.5	3
22	A reproducing kernel Hilbert space approach to high dimensional partially varying coefficient model. Computational Statistics and Data Analysis, 2020, 152, 107039.	1.2	3
23	Goodness-of-fit test for latent block models. Computational Statistics and Data Analysis, 2021, 154, 107090.	1.2	3
24	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
25	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
26	A Hybrid Systems Approach to Hormonal Therapy of Prostate Cancer and its Nonlinear Dynamics. AIP Conference Proceedings, 2007, , .	0.4	2
27	Independently Interpretable Lasso for Generalized Linear Models. Neural Computation, 2020, 32, 1168-1221.	2.2	2
28	Bayesian optimization for estimating the maximum tolerated dose in Phase I clinical trials. Contemporary Clinical Trials Communications, 2021, 21, 100753.	1.1	2
29	Use of primal-dual technique in the network algorithm for two-way contingency tables. Japan Journal of Industrial and Applied Mathematics, 2005, 22, 133-145.	0.9	1
30	Selective inference for latent block models. Electronic Journal of Statistics, 2021, 15, .	0.7	1
31	Deep two-way matrix reordering for relational data analysis. Neural Networks, 2021, 146, 303-315.	5.9	1
32	STOCHASTIC ALTERNATING DIRECTION METHOD OF MULTIPLIERS FOR STRUCTURED REGULARIZATION. Journal of the Japanese Society of Computational Statistics, 2015, 28, 105-124.	0.2	0
33	Sharp characterization of optimal minibatch size for stochastic finite sum convex optimization. Knowledge and Information Systems, 2021, 63, 2513-2539.	3.2	0
34	Improvement of multiple kernel learning using adaptively weighted regularization. JSIAM Letters, 2013, 5, 49-52.	0.5	0
35	AutoLL: Automatic Linear Layout of Graphs based on Deep Neural Network. , 2021, , .		0