

Jie Ding

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

627
citations

933447

10
h-index

888059

17
g-index

38
all docs

38
docs citations

38
times ranked

560
citing authors

#	ARTICLE	IF	CITATIONS
1	Is a Classification Procedure Good Enough?â€”A Goodness-of-Fit Assessment Tool for Classification Learning. <i>Journal of the American Statistical Association</i> , 2023, 118, 1115-1125.	3.1	1
2	ℓ ₁ Regularization in Two-Layer Neural Networks. <i>IEEE Signal Processing Letters</i> , 2022, 29, 135-139.	3.6	5
3	Interval Privacy: A Framework for Privacy-Preserving Data Collection. <i>IEEE Transactions on Signal Processing</i> , 2022, 70, 2443-2459.	5.3	4
4	Mismatched Supervised Learning. , 2022, , .		0
5	Federated Learning Challenges and Opportunities: An Outlook. , 2022, , .		17
6	Score-Based Hypothesis Testing for Unnormalized Models. <i>IEEE Access</i> , 2022, 10, 71936-71950.	4.2	1
7	On The Energy Statistics of Feature Maps in Pruning of Neural Networks with Skip-Connections. , 2022, , .		0
8	Fundamental Limits in Model Selection for Modern Data Analysis. , 2021, , 359-382.		1
9	On the Information of Feature Maps and Pruning of Deep Neural Networks. , 2021, , .		3
10	Compressing Deep Networks Using Fisher Score of Feature Maps. , 2021, , .		0
11	On Statistical Efficiency in Learning. <i>IEEE Transactions on Information Theory</i> , 2021, 67, 2488-2506.	2.4	5
12	Assisted Learning: Cooperative AI with Autonomy. , 2021, , .		0
13	Supervised Encoding for Discrete Representation Learning. , 2020, , .		0
14	Perception-Distortion Trade-Off with Restricted Boltzmann Machines. , 2020, , .		0
15	Speech Emotion Recognition with Dual-Sequence LSTM Architecture. , 2020, , .		66
16	"To Tell You the Truth" by Interval-Private Data. , 2020, , .		0
17	Forecasting with Multiple Seasonality. , 2020, , .		4
18	Restricted Recurrent Neural Networks. , 2019, , .		6

#	ARTICLE	IF	CITATIONS
19	Bayesian Model Comparison with the Hyvärinen Score: Computation and Consistency. Journal of the American Statistical Association, 2019, 114, 1826-1837.	3.1	20
20	Estimation of the Evolutionary Spectra With Application to Stationarity Test. IEEE Transactions on Signal Processing, 2019, 67, 1353-1365.	5.3	12
21	Asymptotically Optimal Prediction for Time-Varying Data Generating Processes. IEEE Transactions on Information Theory, 2019, 65, 3034-3067.	2.4	6
22	Analysis of Multistate Autoregressive Models. IEEE Transactions on Signal Processing, 2018, 66, 2429-2440.	5.3	2
23	Bridging AIC and BIC: A New Criterion for Autoregression. IEEE Transactions on Information Theory, 2018, 64, 4024-4043.	2.4	51
24	Evolutionary Spectra Based on the Multitaper Method with Application To Stationarity Test. , 2018, , .		3
25	A Penalized Method for the Predictive Limit of Learning. , 2018, , .		1
26	Model Selection Techniques: An Overview. IEEE Signal Processing Magazine, 2018, 35, 16-34.	5.6	169
27	Online Learning for Multimodal Data Fusion With Application to Object Recognition. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1259-1263.	3.0	11
28	SLANTS: Sequential Adaptive Nonlinear Modeling of Time Series. IEEE Transactions on Signal Processing, 2017, 65, 4994-5005.	5.3	10
29	Multiple Change Point Analysis: Fast Implementation and Strong Consistency. IEEE Transactions on Signal Processing, 2017, 65, 4495-4510.	5.3	13
30	Detecting structural changes in dependent data. , 2017, , .		1
31	Key Pre-Distributions From Graph-Based Block Designs. IEEE Sensors Journal, 2016, 16, 1842-1850.	4.7	10
32	Learning the Number of Autoregressive Mixtures in Time Series Using the Gap Statistics. , 2015, , .		1
33	Data-driven learning of the number of states in multi-state autoregressive models. , 2015, , .		4
34	Order Selection of Autoregressive Processes Using Bridge Criterion. , 2015, , .		1
35	Perturbation Analysis of Orthogonal Matching Pursuit. IEEE Transactions on Signal Processing, 2013, 61, 398-410.	5.3	109
36	Performance analysis of Orthogonal Matching Pursuit under general perturbations. , 2012, , .		5

#	ARTICLE	IF	CITATIONS
37	Robustness of orthogonal matching pursuit for multiple measurement vectors in noisy scenario. , 2012, , .		9
38	Scheduling of microfluidic operations for reconfigurable two-dimensional electrowetting arrays. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2001, 20, 1463-1468.	2.7	76