# Jiantao Jiao

List of Publications by Year
in descending order

| | |
|---|---|
| 933447 | 839539 |

| 26 | 572 | 10 | 18 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 26 | 26 | 26 | 395 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Universal Estimation of Directed Information. IEEE Transactions on Information Theory, 2013, 59, 6220-6242. | 2.4 | 135 |
| 2 | Minimax Estimation of Functionals of Discrete Distributions. IEEE Transactions on Information Theory, 2015, 61, 2835-2885. | 2.4 | 121 |
| 3 | Maximum Likelihood Estimation of Functionals of Discrete Distributions. IEEE Transactions on Information Theory, 2017, 63, 6774-6798. | 2.4 | 68 |
| 4 | Justification of Logarithmic Loss via the Benefit of Side Information. IEEE Transactions on Information Theory, 2015, 61, 5357-5365. | 2.4 | 37 |
| 5 | Information Measures: The Curious Case of the Binary Alphabet. IEEE Transactions on Information Theory, 2014, 60, 7616-7626. | 2.4 | 25 |
| 6 | Minimax Estimation of Discrete Distributions Under &lt;inline-formula&gt; &lt;tex-math notation="LaTeX"&gt;$\ell _{1}$ &lt;/tex-math&gt;&lt;/inline-formula&gt; Loss. IEEE Transactions on Information Theory, 2015, 61, 6343-6354. | 2.4 | 21 |
| 7 | Minimax Estimation of the &lt;inline-formula&gt; &lt;tex-math notation="LaTeX"&gt;$L_{1}$ &lt;/tex-math&gt; &lt;/inline-formula&gt; Distance. IEEE Transactions on Information Theory, 2018, 64, 6672-6706. | 2.4 | 21 |
| 8 | Optimal rates of entropy estimation over Lipschitz balls. Annals of Statistics, 2020, 48, . | 2.6 | 21 |
| 9 | Concentration inequalities for the empirical distribution of discrete distributions: beyond the method of types. Information and Inference, 2020, 9, 813-850. | 1.6 | 16 |
| 10 | Adaptive estimation of Shannon entropy. , 2015, , . | | 14 |
| 11 | An extremal inequality for long Markov chains. , 2014, , . | | 13 |
| 12 | Deconstructing Generative Adversarial Networks. IEEE Transactions on Information Theory, 2020, 66, 7155-7179. | 2.4 | 12 |
| 13 | Relations Between Information and Estimation in Discrete-Time LÃ©vy Channels. IEEE Transactions on Information Theory, 2017, 63, 3579-3594. | 2.4 | 11 |
| 14 | Estimating the Fundamental Limits is Easier Than Achieving the Fundamental Limits. IEEE Transactions on Information Theory, 2019, 65, 6704-6715. | 2.4 | 10 |
| 15 | On estimation of $$L_{r}$$-norms in Gaussian white noise models. Probability Theory and Related Fields, 2020, 177, 1243-1294. | 1.8 | 7 |
| 16 | Bias Correction With Jackknife, Bootstrap, and Taylor Series. IEEE Transactions on Information Theory, 2020, 66, 4392-4418. | 2.4 | 7 |
| 17 | Justification of logarithmic loss via the benefit of side information. , 2014, , . | | 6 |
| 18 | Mutual Information, Relative Entropy and Estimation Error in Semi-Martingale Channels. IEEE Transactions on Information Theory, 2018, 64, 6662-6671. | 2.4 | 6 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Bridging Offline Reinforcement Learning and Imitation Learning: A Tale of Pessimism. IEEE Transactions on Information Theory, 2022, 68, 8156-8196. | 2.4 | 6 |
| 20 | Minimax Estimation of Divergences Between Discrete Distributions. IEEE Journal on Selected Areas in Information Theory, 2020, 1, 814-823. | 2.5 | 5 |
| 21 | Pointwise relations between information and estimation in the Poisson channel. , 2013, , . | | 4 |
| 22 | Minimax Redundancy for Markov Chains with Large State Space. , 2018, , . | | 3 |
| 23 | Mutual information, relative entropy and estimation error in semi-martingale channels. , 2016, , . | | 2 |
| 24 | Minimax Off-Policy Evaluation for Multi-Armed Bandits. IEEE Transactions on Information Theory, 2022, 68, 5314-5339. | 2.4 | 1 |
| 25 | Information divergences and the curious case of the binary alphabet. , 2014, , . | | 0 |
| 26 | Generalizations of maximal inequalities to arbitrary selection rules. Statistics and Probability Letters, 2018, 137, 19-25. | 0.7 | 0 |