

Kun Zhang

List of Publications by Year in descending order

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37
papers

1,631
citations

759233

12
h-index

580821

25
g-index

37
all docs

37
docs citations

37
times ranked

1550
citing authors

#	ARTICLE	IF	CITATIONS
1	Testability of Instrumental Variables in Linear non-Gaussian Acyclic Causal Models. Entropy, 2022, 24, 512.	2.2	1
2	Adversarial orthogonal regression: Two non-linear regressions for causal inference. Neural Networks, 2021, 143, 66-73.	5.9	2
3	Unpaired data empowers association tests. Bioinformatics, 2021, 37, 785-792.	4.1	1
4	Causal Discovery with Confounding Cascade Nonlinear Additive Noise Models. ACM Transactions on Intelligent Systems and Technology, 2021, 12, 1-28.	4.5	2
5	Unmixing for Causal Inference: Thoughts on McCaffrey and Danks. British Journal for the Philosophy of Science, 2020, 71, 1319-1330.	2.3	1
6	Causal Inference. Engineering, 2020, 6, 253-263.	6.7	65
7	Generative-Discriminative Complementary Learning. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 6526-6533.	4.9	13
8	Estimating feedforward and feedback effective connections from fMRI time series: Assessments of statistical methods. Network Neuroscience, 2019, 3, 274-306.	2.6	44
9	Review of Causal Discovery Methods Based on Graphical Models. Frontiers in Genetics, 2019, 10, 524.	2.3	328
10	Inferring causation from time series in Earth system sciences. Nature Communications, 2019, 10, 2553.	12.8	411
11	Geometry-Consistent Generative Adversarial Networks for One-Sided Unsupervised Domain Mapping. , 2019, 2019, 2422-2431.		117
12	Learning Disentangled Semantic Representation for Domain Adaptation. , 2019, , .		40
13	Causal Discovery with Cascade Nonlinear Additive Noise Model. , 2019, , .		10
14	Data-Driven Approach to Multiple-Source Domain Adaptation. Proceedings of Machine Learning Research, 2019, 89, 3487-3496.	0.3	1
15	Low-Dimensional Density Ratio Estimation for Covariate Shift Correction. Proceedings of Machine Learning Research, 2019, 89, 3449-3458.	0.3	2
16	Causal Discovery and Forecasting in Nonstationary Environments with State-Space Models. Proceedings of Machine Learning Research, 2019, 97, 2901-2910.	0.3	1
17	Learning Disentangled Semantic Representation for Domain Adaptation. IJCAI: Proceedings of the Conference, 2019, 2019, 2060-2066.	0.5	0
18	Domain Generalization via Multidomain Discriminant Analysis. Uncertainty in artificial intelligence : proceedings of the ... conference., 2019, 35, .	0.9	0

#	ARTICLE	IF	CITATIONS
19	Twin Auxiliary Classifiers GAN. Advances in Neural Information Processing Systems, 2019, 32, 1328-1337.	2.8	3
20	Learning causality and causality-related learning: some recent progress. National Science Review, 2018, 5, 26-29.	9.5	49
21	Guest Editorial: Special Issue on Causal Discovery 2017. International Journal of Data Science and Analytics, 2018, 6, 1-2.	4.1	2
22	Generalized Score Functions for Causal Discovery. , 2018, 2018, 1551-1560.		29
23	Causal Discovery from Discrete Data using Hidden Compact Representation. Advances in Neural Information Processing Systems, 2018, 2018, 2666-2674.	2.8	2
24	Modeling Dynamic Missingness of Implicit Feedback for Recommendation. Advances in Neural Information Processing Systems, 2018, 31, 6669-6678.	2.8	0
25	Multi-domain Causal Structure Learning in Linear Systems. Advances in Neural Information Processing Systems, 2018, 31, 6266-6276.	2.8	0
26	Guest editorial: special issue on causal discovery. International Journal of Data Science and Analytics, 2017, 3, 79-80.	4.1	0
27	Elucidating multi-physics interactions in suspensions for the design of polymeric dispersants: a hierarchical machine learning approach. Molecular Systems Design and Engineering, 2017, 2, 263-273.	3.4	26
28	Behind Distribution Shift: Mining Driving Forces of Changes and Causal Arrows. , 2017, 2017, 913-918.		12
29	Causal Discovery from Nonstationary/Heterogeneous Data: Skeleton Estimation and Orientation Determination. , 2017, 2017, 1347-1353.		33
30	Causal Discovery from Temporally Aggregated Time Series. Uncertainty in artificial intelligence : proceedings of the ... conference., 2017, 2017, .	0.9	3
31	Causal discovery and inference: concepts and recent methodological advances. Applied Informatics, 2016, 3, 3.	0.5	147
32	On Estimation of Functional Causal Models. ACM Transactions on Intelligent Systems and Technology, 2016, 7, 1-22.	4.5	96
33	Domain Adaptation with Conditional Transferable Components. JMLR Workshop and Conference Proceedings, 2016, 48, 2839-2848.	1.4	7
34	Information-geometric approach to inferring causal directions. Artificial Intelligence, 2012, 182-183, 1-31.	5.8	146
35	ICA with Sparse Connections: Revisited. Lecture Notes in Computer Science, 2009, , 195-202.	1.3	14
36	Causality Discovery with Additive Disturbances: An Information-Theoretical Perspective. Lecture Notes in Computer Science, 2009, , 570-585.	1.3	11

#	ARTICLE	IF	CITATIONS
37	Extensions of ICA for Causality Discovery in the Hong Kong Stock Market. Lecture Notes in Computer Science, 2006, , 400-409.	1.3	12