

List of Publications

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<https://qibinzhao.github.io>

Conference Papers

- 2024**
- [1] S. Bai, M. Zhang, W. Zhou, S. Huang, Z. Luan, D. Wang, and B. Chen, "Prompt-based distribution alignment for unsupervised domain adaptation," in *Proceedings of the 38th AAAI Conference on Artificial Intelligence (AAAI)*, 2024.
 - [2] C. Ju, R. J. Kobler, L. Tang, C. Guan, and M. Kawanabe, "Deep geodesic canonical correlation analysis for covariance-based neuroimaging data," in *The Twelfth International Conference on Learning Representations (ICLR)*, 2024.
 - [3] G. Lin, C. Li, J. Zhang, T. Tanaka, and Q. Zhao, "Adversarial training on purification (AToP): Advancing both robustness and generalization," in *The Twelfth International Conference on Learning Representations (ICLR)*, 2024.
 - [4] Y. Qiu, G. Zhou, A. Wang, Z. Huang, and Q. Zhao, "Towards multi-mode outlier robust tensor ring decomposition," in *Proceedings of the AAAI conference on artificial intelligence (AAAI)*, 2024.
 - [5] Z. Tao, T. Tanaka, and Q. Zhao, "Efficient nonparametric tensor decomposition for binary and count data," in *Proceedings of the AAAI Conference on Artificial Intelligence (AAAI)*, 2024.
 - [6] Y. Zheng, X. Zhao, J. Zeng, C. Li, Q. Zhao, H. Li, and T. Huang, "SVDinsTN: A tensor network paradigm for efficient structure search from regularized modeling perspective," in *IEEE / CVF Computer Vision and Pattern Recognition Conference (CVPR)*, 2024.
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 - [9] Z. Lin, H. Huang, Y. Yu, G. Zhou, and Q. Zhao, "Consistent anchor induced multi-view deep matrix factorization," in *The 42nd Chinese Control Conference (CCC)*, IEEE, 2023, pp. 7633–7637.
 - [10] S. Mo, Z. Sun, and C. Li, "Multi-level contrastive learning for self-supervised vision transformers," in *Proceedings of the IEEE/CVF Winter Conference on Applications of Computer Vision*, 2023, pp. 2778–2787.
 - [11] S. Mo, Z. Sun, and C. Li, "Representation disentanglement in generative models with contrastive learning," in *Proceedings of the IEEE/CVF Winter Conference on Applications of Computer Vision*, 2023, pp. 1531–1540.

- [12] Z. Tao, T. Tanaka, and Q. Zhao, "Scalable bayesian tensor ring factorization for multi-way data analysis," in *International Conference on Neural Information Processing (ICONIP)*, Springer, 2023, pp. 490–503.
- [13] Z. Tao, T. Tanaka, and Q. Zhao, "Undirected probabilistic model for tensor decomposition," in *Thirty-seventh Conference on Neural Information Processing Systems (NeurIPS)*, 2023.
- [14] A. Wang, C. Li, M. Bai, Z. Jin, G. Zhou, and Q. Zhao, "Transformed low-rank parameterization can help robust generalization for tensor neural networks," in *Thirty-seventh Conference on Neural Information Processing Systems (NeurIPS)*, 2023.
- [15] J. Zhang, Y. Hong, and Q. Zhao, "Memorization weights for instance reweighting in adversarial training," in *Proceedings of the AAAI Conference on Artificial Intelligence (AAAI)*, vol. 37, 2023, pp. 11 228–11 236.
- 2022 [16] M. Bai, J. Chen, Q. Zhao, C. Li, J. Zhang, and J. Gao, "Tensor neural controlled differential equations," in *2022 International Joint Conference on Neural Networks (IJCNN)*, IEEE, 2022, pp. 1–9.
- [17] Y. Hong, L. Niu, and J. Zhang, "Shadow generation for composite image in real-world scenes," in *Thirty-Sixth AAAI Conference on Artificial Intelligence, AAAI 2022*, 2022, pp. 914–922.
- [18] H. Huang, Y. Luo, G. Zhou, and Q. Zhao, "Multi-view data representation via deep autoencoder-like nonnegative matrix factorization," in *IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*, IEEE, 2022, pp. 3338–3342.
- [19] R. J. Kobler, J.-i. Hirayama, Q. Zhao, and M. Kawanabe, "Spd domain-specific batch normalization to crack interpretable unsupervised domain adaptation in eeg," in *NeurIPS 2022*, 2022.
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- [21] C. Li, J. Zeng, Z. Tao, and Q. Zhao, "Permutation search of tensor network structures via local sampling," in *International Conference on Machine Learning (ICML)*, PMLR, 2022, pp. 13 106–13 124.
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