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Publication list of Tianyu Wang

- [1] **Tianyu Wang** and Yasong Feng, “Convergence rates of zeroth order gradient descent for łojasiewicz functions,” *INFORMS Journal on Computing*, 2024. DOI: [10.1287/ijoc.2023.0247](https://doi.org/10.1287/ijoc.2023.0247).
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- [3] Yasong Feng, Zengfeng Huang*, and **Tianyu Wang***, “Lipschitz bandits with batched feedback,” *IEEE Transactions on Information Theory*, vol. 70, no. 3, pp. 2154–2176, 2024, (short version in NeurIPS2022).
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- [5] Chuying Han, Yasong Feng, and **Tianyu Wang***, “From random search to bandit learning in metric measure spaces,” May 2023. arXiv: [2305.11509](https://arxiv.org/abs/2305.11509) [[cs.LG](#)].
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- [7] Weibin Peng and **Tianyu Wang***, “The Nesterov-Spokoiny acceleration achieves strict $o(1/k^2)$ convergence,” Aug. 2023. arXiv: [2308.14314](https://arxiv.org/abs/2308.14314) [[math.OC](#)].
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- [10] **Tianyu Wang**, “On sharp stochastic zeroth-order Hessian estimators over Riemannian manifolds,” *Information and Inference: A Journal of the IMA*, vol. 12, no. 2, pp. 787–813, Oct. 2022.
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- [12] **Tianyu Wang**, Marco Morucci, M. Usaid Awan, Yameng Liu, Sudeepa Roy, Cynthia Rudin*, and Alexander Volfovsky, “FLAME: A Fast Large-scale Almost Matching Exactly Approach to Causal Inference,” *Journal of Machine Learning Research*, vol. 22, no. 31, pp. 1–41, 2021.
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