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Publication List (*Equal Contribution)

Journal Articles

- K. Cai*, L. Zhang*, X. Su, K. Chen, C. Wang, S. Haddadin, A. Knoll, A. Ajoudani, and L. Figueredo, "Just in time informed trees: Manipulability-aware asymptotically optimized motion planning," *IEEE/ASME Transactions on Mechatronics (T-Mech)*, pp. 1–12, 2025, [JCR Q1, IF: 7.3]. ODOI: 10.1109/TMECH.2025.3570573.
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- Y. Meng, X. Yao, K. Chen, Y. Wu, **L. Zhang**, Z. Bing, and A. Knoll, "Pretrained bayesian non-parametric knowledge prior in robotic long-horizon reinforcement learning," in 2025 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS) Under review, 2025.
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