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Journal Information

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2026		✓	✓	
2025		✓	✓	
2024		✓	✓	
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2021/2022		✓	✓	
2020		✓	✓	
2019	✓	✓	✓	
2018		✓		

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Recent Articles

Scalable Factor Graph-Based Heterogeneous Bayesian DDF for Dynamic Systems
2026 Vol. 42 Pages 281-301
Authors: Ofer Dagan, Tycho L. Cinquini, Nisar R. Ahmed
DOI: 10.1109/tro.2025.3637127

QuadricsReg: Large-Scale Point Cloud Registration Using Semantic Quadric Primitives
2026 Vol. 42 Pages 1961-1981
Authors: Ji Wu, Huai Yu, Shu Han et al.
DOI: 10.1109/tro.2026.3686263

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2026 Vol. 42 Pages 455-474
Authors: Yike Qiao, Xiaodong He, An Zhuo et al.
DOI: 10.1109/tro.2025.3644358

Trajectory Prediction via Bayesian Intention Inference Under Unknown Goals and Kinematics
2026 Vol. 42 Pages 3290-3303
Authors: Shunan Yin, Zehui Lu, Shaoshuai Mou
DOI: 10.1109/tro.2026.3723948

Inverse Dynamic Modeling of Soft Parallel Robots Actuated by Dielectric Elastomer Actuators
2026 Pages 1-20
Authors: Jung-Che Chang, Xi Wang, Fengze Yang et al.
DOI: 10.1109/tro.2026.3741520

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2026 Vol. 42 Pages 3765-3780
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DOI: 10.1109/tro.2026.3732824

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Authors: Zhaoying Wang, Xingxing Zuo, Wei Dong
DOI: 10.1109/tro.2026.3658293

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Authors: Songnan Bai, Runze Ding, Song Li et al.
DOI: 10.1109/tro.2026.3701316

Augmented Tank-Based Control Guarantees Passive Individual Interaction Environment for Multiuser Haptic-Enabled Robotic Systems
2026 Vol. 42 Pages 693-712
Authors: Cui Wang, Yudong Liu, Chenyang Sun et al.
DOI: 10.1109/tro.2026.3651680

A Fifth-Order POE-Based Method for Kinematic Identification and Inverse Kinematics of Serial Robots
2026 Vol. 42 Pages 1068-1087
Authors: Yuhan Chen, Yunkai Wang, Fan Bu et al.
DOI: 10.1109/tro.2026.3653881