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Journal Information

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Classification History

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2026		✓	✓	
2025		✓	✓	
2024		✓	✓	
2023		✓	✓	
2021/2022		✓	✓	
2020		✓	✓	
2019		✓	✓	
2018		✓		

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Recent Articles

Realization-aware second-order visual servoing with bounded funnel shaping for pose-command industrial manipulators
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Authors: Huanbing Gao, Guangyao He, Cungen Liu et al.
DOI: 10.1108/ir-06-2026-0344

Collision-aware and geometry-refined grasp generation for cluttered scenes
2026-10-22 Pages 1-13
Authors: Huixuan Yang, Wenlong Wang, Wei Song et al.
DOI: 10.1108/ir-02-2026-0049

Online reconstruction and segment-wise smoothing of vision-based weld seam coordinates under dynamic welding disturbances
2026-10-22 Pages 1-17
Authors: Yanjun Xiao, Zijian Han, Feng Wan et al.
DOI: 10.1108/ir-07-2026-0385

Time-optimal trajectory planning based on dynamic constraints for a handling robot with kinematic redundancy
2026-10-19 Pages 1-17
Authors: Hongkun Lin, Zihao Yang, Chuanying Wang et al.
DOI: 10.1108/ir-03-2026-0133

Robust vision–force fusion trajectory estimation for Ro-botic initial screw insertion under occlusion
2026-10-19 Pages 1-12
Authors: Kaiqi Huang, Jiayan Xie, Qi Chen
DOI: 10.1108/ir-05-2026-0229

Geometrically constrained permutation invariant learning for hand-eye calibration with iteratively reweighted least squares and Levenberg–Marquardt refinement
2026-10-15 Pages 1-14
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DOI: 10.1108/ir-07-2026-0421

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2026-10-15 Pages 1-13
Authors: Xiqing Zhang, Ruichen Wang, Zhanlong Li et al.
DOI: 10.1108/ir-04-2026-0162

Velocity-scaled safe artificial potential field for mobile robot navigation in dynamic environments
2026-10-9 Pages 1-15
Authors: Kamil Przeczewski, Rafal Szczepanski
DOI: 10.1108/ir-05-2026-0246

Task-specific manipulability metrics for redundancy optimization in cooperative manipulation
2026-10-9 Pages 1-15
Authors: Debojit Das, Barat S., Harish J. Palanthandalam-Madapusi
DOI: 10.1108/ir-05-2026-0221

Design and testing of BACCOs, a gravity-compensated robotic manipulator for wine sampling
2026-10-5 Pages 1-13
Authors: Luigi Tagliavini, Andrea Botta, Daniel Pacheco Quinones et al.
DOI: 10.1108/ir-03-2026-0135