

David Held

List of Publications by Year in descending order

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16
papers

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348
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | OSSID: Online Self-Supervised Instance Detection by (And For) Pose Estimation. IEEE Robotics and Automation Letters, 2022, 7, 3022-3029. | 5.1 | 1 |
| 2 | Learning Closed-Loop Dough Manipulation Using a Differentiable Reset Module. IEEE Robotics and Automation Letters, 2022, 7, 9857-9864. | 5.1 | 2 |
| 3 | Self-supervised Transparent Liquid Segmentation for Robotic Pouring. , 2022, , . | | 5 |
| 4 | ZePHYR: Zero-shot Pose Hypothesis Rating. , 2021, , . | | 3 |
| 5 | Exploiting & Refining Depth Distributions with Triangulation Light Curtains. , 2021, , . | | 5 |
| 6 | Safe Local Motion Planning with Self-Supervised Freespace Forecasting. , 2021, , . | | 14 |
| 7 | Semi-supervised 3D Object Detection via Temporal Graph Neural Networks. , 2021, , . | | 6 |
| 8 | Multi-Modal Transfer Learning for Grasping Transparent and Specular Objects. IEEE Robotics and Automation Letters, 2020, 5, 3791-3798. | 5.1 | 21 |
| 9 | Learning to Optimally Segment Point Clouds. IEEE Robotics and Automation Letters, 2020, 5, 875-882. | 5.1 | 13 |
| 10 | 3D Multi-Object Tracking: A Baseline and New Evaluation Metrics. , 2020, , . | | 186 |
| 11 | Cloth Region Segmentation for Robust Grasp Selection. , 2020, , . | | 16 |
| 12 | Uncertainty-aware Self-supervised 3D Data Association. , 2020, , . | | 5 |
| 13 | Learning Orientation Distributions for Object Pose Estimation. , 2020, , . | | 10 |
| 14 | PanoNet3D: Combining Semantic and Geometric Understanding for LiDAR Point Cloud Detection. , 2020, , . | | 5 |
| 15 | Adaptive Variance for Changing Sparse-Reward Environments. , 2019, , . | | 0 |
| 16 | PCN: Point Completion Network. , 2018, , . | | 443 |