

## Journal Articles

- [J1] J. Engel, V. Koltun and D. Cremers,  
**Direct Sparse Odometry,**  
*IEEE Transactions on Pattern Analysis and Machine Intelligence*, mar 2018.

## Conference and Workshop Papers

- [C1] F. Wimbauer, N. Yang, L. von Stumberg, N. Zeller and D Cremers,  
**MonoRec: Semi-Supervised Dense Reconstruction in Dynamic Environments from a Single Moving Camera,**  
*IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2021.
- [C2] N. Yang, L. von Stumberg, R. Wang and D. Cremers,  
**D3VO: Deep Depth, Deep Pose and Deep Uncertainty for Monocular Visual Odometry,**  
*IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2020, **Oral Presentation.**
- [C3] N. Yang, R. Wang, J. Stueckler and D. Cremers,  
**Deep Virtual Stereo Odometry: Leveraging Deep Depth Prediction for Monocular Direct Sparse Odometry,**  
*European Conference on Computer Vision (ECCV)*, September 2018, **Oral Presentation.**
- [C4] R. Wang, M. Schwörer and D. Cremers,  
**Stereo DSO: Large-Scale Direct Sparse Visual Odometry with Stereo Cameras,**  
*International Conference on Computer Vision (ICCV)*, Venice, Italy, October 2017.