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Publications

PUBLICATIONS

- **MAP-ADAPT: Real-Time Quality-Adaptive Semantic 3D Maps**
  Zheng, J., Barath, D., Pollefeys, M., Armeni, I.
  edited by Leonardis, A., Ricci, E., Roth, S., Russakovsky, O., Sattler, T., Varol, G.
  SPRINGER INTERNATIONAL PUBLISHING AG.2025: 220-237

- **Multi-HexPlanes: A Lightweight Map Representation for Rendering and 3D Reconstruction**
  Zheng, J., Valasek, G., Barath, D., Armeni, I., IEEE COMPUTER SOC
  IEEE COMPUTER SOC.2025: 2021-2031

- **WildGS-SLAM: Monocular Gaussian Splatting SLAM in Dynamic Environments**
  Zheng, J., Zhu, Z., Bieri, V., Pollefeys, M., Peng, S., Armeni, I., IEEE COMPUTER SOC
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