

List of Publications

Yihang She | [Google Scholar](#)

1. **[SPREAD: A Large-Scale, High-Fidelity Synthetic Dataset for Multiple Forest Vision Tasks](#)**
Zhengpeng Feng, **Yihang She**, Srinivasan Keshav
Preprint. Under review.
2. **[MAGIC: Modular Auto-encoder for Generalisable Model Inversion with Bias Corrections](#)**
Yihang She, Clement Atzberger, Andrew Blake, Adriano Gualandi, Srinivasan Keshav
Preprint.
3. **[From Spectra to Biophysical Insights: End-to-End Learning with a Biased Radiative Transfer Model](#)**
Yihang She, Clement Atzberger, Andrew Blake, Srinivasan Keshav
Preprint. Under review. Condensed version presented at [ICLR 2024 Climate Change AI Workshop](#).
4. **[Fast Hierarchical Learning for Few-Shot Object Detection](#)**
Yihang She, Goutam Bhat, Martin Danelljan, Fisher Yu
IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), 2022
5. **[Digital Taxonomist: Identifying Plant Species in Citizen Scientists' Photographs](#)**
Riccardo de Lutio, **Yihang She**, Stefano D'Aronco, Stefania Russo, Phillipp Brun, Jan Dirk Wegner, Konrad Schindler
ISPRS Journal of Photogrammetry and Remote Sensing, 2021
6. **[Strong Regulation of Daily Variations in Nighttime Surface Urban Heat Islands by Meteorological Variables across Global Cities](#)**
Yihang She, Zihan Liu, Wenfeng Zhan, Jiameng Lai, Fan Huang
Environmental Research Letters, 2021