# Ziwei Liu

List of Publications by Year
in descending order

| 25 | 7,080 | 932766 | 1199166 |
|---|---|---|---|
| **25** | **7,080** | **10** | **12** |
| papers | citations | h-index | g-index |

| 25 | 25 | 25 | 4599 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Chasing the Tail in Monocular 3D Human Reconstruction With Prototype Memory. IEEE Transactions on Image Processing, 2022, 31, 2907-2919. | 6.0 | 4 |
| 2 | Learning Diverse Fashion Collocation by Neural Graph Filtering. IEEE Transactions on Multimedia, 2021, 23, 2894-2901. | 5.2 | 17 |
| 3 | Iterative human and automated identification of wildlife images. Nature Machine Intelligence, 2021, 3, 885-895. | 8.3 | 22 |
| 4 | Seesaw Loss for Long-Tailed Instance Segmentation. , 2021, , . | | 99 |
| 5 | Monocular 3D Reconstruction of Interacting Hands via Collision-Aware Factorized Refinements. , 2021, , . | | 18 |
| 6 | Online Deep Clustering for Unsupervised Representation Learning. , 2020, , . | | 95 |
| 7 | Open Compound Domain Adaptation. , 2020, , . | | 63 |
| 8 | Knowledge Distillation Meets Self-supervision. Lecture Notes in Computer Science, 2020, , 588-604. | 1.0 | 108 |
| 9 | Distribution-Balanced Loss for Multi-label Classification in Long-Tailed Datasets. Lecture Notes in Computer Science, 2020, , 162-178. | 1.0 | 96 |
| 10 | Unsupervised 3D Human Pose Representation with Viewpoint and Pose Disentanglement. Lecture Notes in Computer Science, 2020, , 102-118. | 1.0 | 39 |
| 11 | Placepedia: Comprehensive Place Understanding with Multi-faceted Annotations. Lecture Notes in Computer Science, 2020, , 85-103. | 1.0 | 5 |
| 12 | Sensing, Understanding and Synthesizing Humans in an Open World. , 2020, , . | | 0 |
| 13 | Self-Supervised Learning via Conditional Motion Propagation. , 2019, , . | | 29 |
| 14 | Delving Deep Into Hybrid Annotations for 3D Human Recovery in the Wild. , 2019, , . | | 43 |
| 15 | Large-Scale Long-Tailed Recognition in an Open World. , 2019, , . | | 497 |
| 16 | Deep Learning Markov Random Field for Semantic Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 1814-1828. | 9.7 | 99 |
| 17 | Vision-Based Calibration of Dual RCM-Based Robot Arms in Human-Robot Collaborative Minimally Invasive Surgery. IEEE Robotics and Automation Letters, 2018, 3, 672-679. | 3.3 | 56 |
| 18 | Consensus-Driven Propagation in Massive Unlabeled Data for Face Recognition. Lecture Notes in Computer Science, 2018, , 576-592. | 1.0 | 44 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Adaptive Affinity Fields for Semantic Segmentation. Lecture Notes in Computer Science, 2018, , 605-621. | 1.0 | 90 |
| 20 | Video Frame Synthesis Using Deep Voxel Flow. , 2017, , . | | 461 |
| 21 | Not All Pixels Are Equal: Difficulty-Aware Semantic Segmentation via Deep Layer Cascade. , 2017, , . | | 167 |
| 22 | DeepFashion: Powering Robust Clothes Recognition and Retrieval with Rich Annotations. , 2016, , . | | 1,012 |
| 23 | Semantic Image Segmentation via Deep Parsing Network. , 2015, , . | | 428 |
| 24 | Deep Learning Face Attributes in the Wild. , 2015, , . | | 3,518 |
| 25 | Fast burst images denoising. ACM Transactions on Graphics, 2014, 33, 1-9. | 4.9 | 70 |