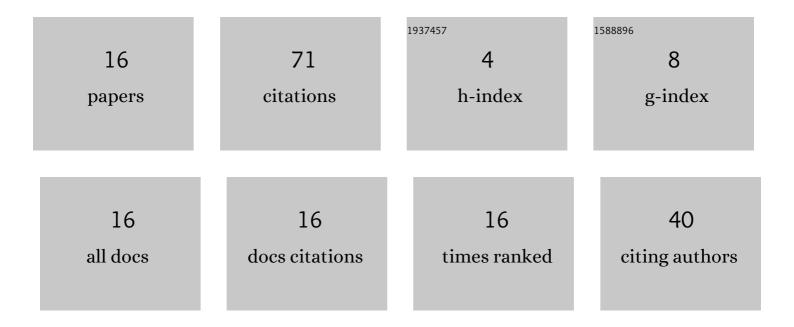
## Xiao Zhou

List of Publications by Year in descending order

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Χιλο Ζμου

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Robust Drivable Road Region Detection for Fixed-Route Autonomous Vehicles Using Map-Fusion<br>Images. Sensors, 2018, 18, 4158.   | 2.1 | 16        |
| 2  | YOLO-SASE: An Improved YOLO Algorithm for the Small Targets Detection in Complex Backgrounds.<br>Sensors, 2022, 22, 4600.  | 2.1 | 14        |
| 3  | Prediction of Pedestrian Crossing Behavior Based on Surveillance Video. Sensors, 2022, 22, 1467.   | 2.1 | 7         |
| 4  | Robust and High-Precision Vision System for Deflection Measurement of Crane Girder With Camera Shake Reduction. IEEE Sensors Journal, 2021, 21, 7478-7489.   | 2.4 | 6         |
| 5  | State Recognition of Electric Control Cabinet Switches Based on CNNs. , 2018, , .  |     | 4         |
| 6  | Preoperative MRI Evaluation of Relationship between Trigeminal Nerve and Superior Petrosal Vein: Its<br>Role in Treating Trigeminal Neuralgia. Journal of Neurological Surgery, Part A: Central European<br>Neurosurgery, 2019, 80, 213-219. | 0.4 | 4         |
| 7  | An Individual Driving Behavior Portrait Approach for Professional Driver of HDVs with Naturalistic<br>Driving Data. Computational Intelligence and Neuroscience, 2022, 2022, 1-14.   | 1.1 | 4         |
| 8  | An efficient framework of developing video-based driving simulation for traffic sign evaluation.<br>Journal of Safety Research, 2022, 81, 101-109.   | 1.7 | 3         |
| 9  | Power line detect system based on stereo vision and FPGA. , 2017, , .  |     | 2         |
| 10 | Pointer Instrument Recognition Algorithm Based on Haar-Like Feature and Polar Expansion. , 2018, , .   |     | 2         |
| 11 | M-Array Based on Non-Zero Maps. IEEE Access, 2021, 9, 58467-58477.   | 2.6 | 2         |
| 12 | Multirobot Collaborative Pursuit Target Robot by Improved MADDPG. Computational Intelligence and Neuroscience, 2022, 2022, 1-10.   | 1.1 | 2         |
| 13 | Infrared small target detection algorithm with complex background based on YOLO-NWD. , 2022, , .   |     | 2         |
| 14 | Algorithm for Cheese Yarn Defects Detecting Based on Multi-Directional Matching Filter. , 2018, , .  |     | 1         |
| 15 | High Precision Visual Dimension Measurement Method with Large Range Based on Multi-Prism and<br>M-Array Coding. Sensors, 2022, 22, 2081.   | 2.1 | 1         |
| 16 | Evaluate the Understandability of Information Display Board Signs Using a Driving Simulator Experiment. International Journal of Human-Computer Interaction, 0, , 1-19.  | 3.3 | 1         |