Xiao Pan

List of Publications by Year
in descending order

13 papers	204 citations	1307594 7 h-index	1199594 12 g-index
13 all docs	13 docs citations	13 times ranked	238 citing authors

#	Article	IF	Citations
1	p53 isoform Î”113p53/Î”133p53 promotes DNA double-strand break repair to protect cell from death and senescence in response to DNA damage. Cell Research, 2015, 25, 351-369.	12.0	84
2	p53 isoform Î”133p53 promotes efficiency of induced pluripotent stem cells and ensures genomic integrity during reprogramming. Scientific Reports, 2016, 6, 37281.	3.3	29
3	High-accuracy calibration of line-structured light vision sensor by correction of image deviation. Optics Express, 2019, 27, 4364.	3.4	20
4	On-Site Reliable Wheel Size Measurement Based on Multisensor Data Fusion. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4575-4589.	4.7	17
5	p53 coordinates with Î”133p53 isoform to promote cell survival under low-level oxidative stress. Journal of Molecular Cell Biology, 2016, 8, 88-90.	3.3	16
6	Line Structured-Light Vision Sensor Calibration Based on Multi-Tooth Free-Moving Target and Its Application in Railway Fields. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5762-5771.	8.0	11
7	Real-Time Accurate Deep Learning-Based Edge Detection for 3-D Pantograph Pose Status Inspection. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-12.	4.7	9
8	Reliable and Accurate Wheel Size Measurement under Highly Reflective Conditions. Sensors, 2018, 18, 4296.	3.8	6
9	Online Intelligent Perception of Pantograph and Catenary System Status Based on Parameter Adaptation. Applied Sciences (Switzerland), 2021, 11, 1948.	2.5	5
10	Robust Online Dynamic Detection Method for PAC Operational Status of High-Speed Trains Based on Key Point Positioning. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	4.7	3
11	High-Accuracy Calibration of On-Site Multi-Vision Sensors Based on Flexible and Optimal 3D Field. IEEE Access, 2019, 7, 159495-159506.	4.2	2
12	Robust and Long-Term High-Speed Operational Status Inspection of Pantograph-OCS in Complex Environments. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	4.7	2
13	High dynamic stripe image enhancement for reliable center extraction in complex environment. , 2017, , .		0