

CITATION REPORT

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A computer vision-based perception system for visually impaired

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Multimedia Tools and Applications, 2017, 76, 11771-11807.

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13	Impact of reduction in descriptor size on object detection and classification. <i>Multimedia Tools and Applications</i> , 2019 , 78, 8965-8979	2.5	4
12	Vision-Based Distance Estimation Method Using Single Camera: Application to the Assistance of Visually Impaired People. <i>Smart Innovation, Systems and Technologies</i> , 2019 , 679-686	0.5	
11	TextSLAM: Visual SLAM with Planar Text Features. 2020 ,		3
10	Deep Multi-Layer Perceptron-Based Obstacle Classification Method From Partial Visual Information: Application to the Assistance of Visually Impaired People. <i>IEEE Access</i> , 2020 , 8, 26612-26622	3.5	7
9	Object detection and recognition: using deep learning to assist the visually impaired. <i>Disability and Rehabilitation: Assistive Technology</i> , 2021 , 16, 280-288	1.8	3
8	The effect of drought stress of sorghum grains on the textural features evaluated using machine learning. <i>European Food Research and Technology</i> , 2021 , 247, 2787-2798	3.4	1
7	Homography-Driven Plane Feature Matching and Pose Estimation. 2021 ,		
6	Analysis of Navigation Assistants for Blind and Visually Impaired People: A Systematic Review. <i>IEEE Access</i> , 2021 , 9, 26712-26734	3.5	14
5	Comprehensive evaluation of static and dynamic obstacle detection method for safe navigation of the visually impaired people. <i>Journal of Electronic Imaging</i> , 2019 , 28, 1	0.7	
4	. <i>IEEE Access</i> , 2021 , 1-1	3.5	0
3	Assistive Navigation System for Visually Impaired and Blind People: A Review. 2021 ,		0
2	Recent trends in computer vision-driven scene understanding for VI/blind users: a systematic mapping. <i>Universal Access in the Information Society</i> , 1	2.5	0
1	Pedestrian detection model based on Tiny-Yolov3 architecture for wearable devices to visually impaired assistance. 10,		0