

Object Recognition, Segmentation, and Classification of Clouds: A State of the Art Review

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A convolutional neural network method to improve efficiency and visualization in modeling driver's visual field on roads using MLS data. <i>Transportation Research Part C: Emerging Technologies</i> , 2019, 106, 317-344.	3.9	13
2	Extracting Diameter at Breast Height with a Handheld Mobile LiDAR System in an Outdoor Environment. <i>Sensors</i> , 2019, 19, 3212.	2.1	31
3	Automated Inspection of Railway Tunnels' Power Line Using LiDAR Point Clouds. <i>Remote Sensing</i> , 2019, 11, 2567.	1.8	26
4	Outdoor Scene Understanding Based on Multi-Scale PBA Image Features and Point Cloud Features. <i>Sensors</i> , 2019, 19, 4546.	2.1	3
5	Road Rutting Measurement Using Mobile LiDAR Systems Point Cloud. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 404.	1.4	11
6	Automated Three-Dimensional Linear Elements Extraction from Mobile LiDAR Point Clouds in Railway Environments. <i>Infrastructures</i> , 2019, 4, 46.	1.4	17
7	Review of Laser Scanning Technologies and Their Applications for Road and Railway Infrastructure Monitoring. <i>Infrastructures</i> , 2019, 4, 58.	1.4	72
8	An Efficient Framework for Mobile Lidar Trajectory Reconstruction and Mo-norvana Segmentation. <i>Remote Sensing</i> , 2019, 11, 836.	1.8	18
9	Spatially optimised retrieval of 3D point cloud data from a geospatial database for road median extraction. <i>Journal of Spatial Science</i> , 2019, , 1-18.	1.0	0
10	Automatic Extraction of Structural and Non-Structural Road Edges from Mobile Laser Scanning Data. <i>Sensors</i> , 2019, 19, 5030.	2.1	2
11	Unsupervised Moving Object Segmentation from Stationary or Moving Camera based on Multi-frame Homography Constraints. <i>Sensors</i> , 2019, 19, 4344.	2.1	2
12	Automated Method for Detection of Missing Road Point Regions in Mobile Laser Scanning Data. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 525.	1.4	9
13	An Efficient and Accurate Method for Different Configurations Railway Extraction Based on Mobile Laser Scanning. <i>Remote Sensing</i> , 2019, 11, 2929.	1.8	13
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15	Transfer Learning in urban object classification: Online images to recognize point clouds. <i>Automation in Construction</i> , 2020, 111, 103058.	4.8	22
16	DLT-Net: Joint Detection of Drivable Areas, Lane Lines, and Traffic Objects. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020, 21, 4670-4679.	4.7	84
17	A network-level sidewalk inventory method using mobile LiDAR and deep learning. <i>Transportation Research Part C: Emerging Technologies</i> , 2020, 119, 102772.	3.9	26
18	Semi-automated framework for generating cycling lane centerlines on roads with roadside barriers from noisy MLS data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 167, 396-417.	4.9	6

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20	Using a Rotating 3D LiDAR on a Mobile Robot for Estimation of Person's Body Angle and Gender. Sensors, 2020, 20, 3964.	2.1	4
21	Fully Automated Segmentation of 2D and 3D Mobile Mapping Data for Reliable Modeling of Surface Structures Using Deep Learning. Remote Sensing, 2020, 12, 2530.	1.8	14
22	Landslide data mosaicking based on an airborne laser point cloud and multi-beam sonar images. Journal of Mountain Science, 2020, 17, 2068-2080.	0.8	1
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