Christopher E Parrish

List of Publications by Year
in descending order

22 papers	931 citations	643344 15 h-index	799663 21 g-index
22 all docs	22 docs citations	22 times ranked	1071 citing authors

#	Article	IF	Citations
1	Mapping Seafloor Relative Reflectance and Assessing Coral Reef Morphology with EAARL-B Topobathymetric Lidar Waveforms. Estuaries and Coasts, 2022, 45, 923-937.	1.0	7
2	Recovery and Readjustment of Historical Ocean Coast Control Stations in Oregon. Journal of Surveying Engineering, - ASCE, 2022, 148, .	1.0	0
3	Assessing the Ability to Quantify Bathymetric Change over Time Using Solely Satellite-Based Measurements. Remote Sensing, 2022, 14, 1232.	1.8	9
4	Dense Point Cloud Quality Factor as Proxy for Accuracy Assessment of Image-Based 3D Reconstruction. Journal of Surveying Engineering, - ASCE, 2021, 147, .	1.0	18
5	ICESatâ€2 Elevation Retrievals in Support of Satelliteâ€Derived Bathymetry for Global Science Applications. Geophysical Research Letters, 2021, 48, e2020GL090629.	1.5	48
6	Inverse Histogram-Based Clustering Approach to Seafloor Segmentation from Bathymetric Lidar Data. Remote Sensing, 2021, 13, 3665.	1.8	4
7	Diffuse Attenuation Coefficient (K_d) from $ICESat-2$ ATLAS Spaceborne Lidar Using Random-Forest Regression. Photogrammetric Engineering and Remote Sensing, 2021, 87, 831-840.	0.3	5
8	A photogrammetric approach to fusing natural colour and thermal infrared UAS imagery in 3D point cloud generation. International Journal of Remote Sensing, 2020, 41, 211-237.	1.3	31
9	Validation of ICESat-2 ATLAS Bathymetry and Analysis of ATLASâ€™s Bathymetric Mapping Performance. Remote Sensing, 2019, 11, 1634.	1.8	174
10	Active-Passive Spaceborne Data Fusion for Mapping Nearshore Bathymetry. Photogrammetric Engineering and Remote Sensing, 2019, 85, 281-295.	0.3	26
11	Interactive Visualization of 3D Coordinate Uncertainties in Terrestrial Laser -Scanning Point Clouds Using OpenGL Shader Language. Journal of Surveying Engineering, - ASCE, 2019, 145, .	1.0	5
12	Efficient and robust lane marking extraction from mobile lidar point clouds. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 147, 1-18.	4.9	62
13	Simulated Imagery Rendering Workflow for UAS-Based Photogrammetric 3D Reconstruction Accuracy Assessments. Remote Sensing, 2017, 9, 396.	1.8	24
14	Analysis of MABEL Bathymetry in Keweenaw Bay and Implications for ICESat-2 ATLAS. Remote Sensing, 2016, 8, 772.	1.8	54
15	Depth Calibration and Validation of the Experimental Advanced Airborne Research Lidar, EAARL-B. Journal of Coastal Research, 2016, 76, 4-17.	0.1	15
16	Identifying Bathymetric Differences over Alaska's North Slope using a Satellite-derived Bathymetry Multi-temporal Approach. Journal of Coastal Research, 2016, 76, 56-63.	0.1	19
17	A Review of LIDAR Radiometric Processing: From Ad Hoc Intensity Correction to Rigorous Radiometric Calibration. Sensors, 2015, 15, 28099-28128.	2.1	241
18	Evaluation of field-measured vertical obscuration and full waveform lidar to assess salt marsh vegetation biophysical parameters. Remote Sensing of Environment, 2015, 156, 264-275.	4.6	30

#	Article	IF	Citations
19	Satellite Remote Sensing as a Reconnaissance Tool for Assessing Nautical Chart Adequacy and Completeness. Marine Geodesy, 2014, 37, 293-314.	0.9	43
20	Assessment of Waveform Features for Lidar Uncertainty Modeling in a Coastal Salt Marsh Environment. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 569-573.	1.4	27
21	Field calibration and validation of remote-sensing surveys. International Journal of Remote Sensing, 2013, 34, 6423-6436.	1.3	13
22	Empirical Comparison of Full-Waveform Lidar Algorithms. Photogrammetric Engineering and Remote Sensing, 2011, 77, 825-838.	0.3	76