

# Christopher E Parrish

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

931  
citations

567281  
15  
h-index

713466  
21  
g-index

22  
all docs

22  
docs citations

22  
times ranked

955  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of LIDAR Radiometric Processing: From Ad Hoc Intensity Correction to Rigorous Radiometric Calibration. <i>Sensors</i> , 2015, 15, 28099-28128.	3.8	241
2	Validation of ICESat-2 ATLAS Bathymetry and Analysis of ATLAS's Bathymetric Mapping Performance. <i>Remote Sensing</i> , 2019, 11, 1634.	4.0	174
3	Empirical Comparison of Full-Waveform Lidar Algorithms. <i>Photogrammetric Engineering and Remote Sensing</i> , 2011, 77, 825-838.	0.6	76
4	Efficient and robust lane marking extraction from mobile lidar point clouds. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 147, 1-18.	11.1	62
5	Analysis of MABEL Bathymetry in Keweenaw Bay and Implications for ICESat-2 ATLAS. <i>Remote Sensing</i> , 2016, 8, 772.	4.0	54
6	ICESat-2 Elevation Retrievals in Support of Satellite-Derived Bathymetry for Global Science Applications. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090629.	4.0	48
7	Satellite Remote Sensing as a Reconnaissance Tool for Assessing Nautical Chart Adequacy and Completeness. <i>Marine Geodesy</i> , 2014, 37, 293-314.	2.0	43
8	A photogrammetric approach to fusing natural colour and thermal infrared UAS imagery in 3D point cloud generation. <i>International Journal of Remote Sensing</i> , 2020, 41, 211-237.	2.9	31
9	Evaluation of field-measured vertical obscuration and full waveform lidar to assess salt marsh vegetation biophysical parameters. <i>Remote Sensing of Environment</i> , 2015, 156, 264-275.	11.0	30
10	Assessment of Waveform Features for Lidar Uncertainty Modeling in a Coastal Salt Marsh Environment. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2014, 11, 569-573.	3.1	27
11	Active-Passive Spaceborne Data Fusion for Mapping Nearshore Bathymetry. <i>Photogrammetric Engineering and Remote Sensing</i> , 2019, 85, 281-295.	0.6	26
12	Simulated Imagery Rendering Workflow for UAS-Based Photogrammetric 3D Reconstruction Accuracy Assessments. <i>Remote Sensing</i> , 2017, 9, 396.	4.0	24
13	Identifying Bathymetric Differences over Alaska's North Slope using a Satellite-derived Bathymetry Multi-temporal Approach. <i>Journal of Coastal Research</i> , 2016, 76, 56-63.	0.3	19
14	Dense Point Cloud Quality Factor as Proxy for Accuracy Assessment of Image-Based 3D Reconstruction. <i>Journal of Surveying Engineering, - ASCE</i> , 2021, 147, .	1.7	18
15	Depth Calibration and Validation of the Experimental Advanced Airborne Research Lidar, EAARL-B. <i>Journal of Coastal Research</i> , 2016, 76, 4-17.	0.3	15
16	Field calibration and validation of remote-sensing surveys. <i>International Journal of Remote Sensing</i> , 2013, 34, 6423-6436.	2.9	13
17	Assessing the Ability to Quantify Bathymetric Change over Time Using Solely Satellite-Based Measurements. <i>Remote Sensing</i> , 2022, 14, 1232.	4.0	9
18	Mapping Seafloor Relative Reflectance and Assessing Coral Reef Morphology with EAARL-B Topobathymetric Lidar Waveforms. <i>Estuaries and Coasts</i> , 2022, 45, 923-937.	2.2	7

#	ARTICLE	IF	CITATIONS
19	Interactive Visualization of 3D Coordinate Uncertainties in Terrestrial Laser Scanning Point Clouds Using OpenGL Shader Language. Journal of Surveying Engineering, - ASCE, 2019, 145, .	1.7	5
20	Diffuse Attenuation Coefficient ( $K_d$ ) from ICESat-2 ATLAS Spaceborne Lidar Using Random-Forest Regression. Photogrammetric Engineering and Remote Sensing, 2021, 87, 831-840.	0.6	5
21	Inverse Histogram-Based Clustering Approach to Seafloor Segmentation from Bathymetric Lidar Data. Remote Sensing, 2021, 13, 3665.	4.0	4
22	Recovery and Readjustment of Historical Ocean Coast Control Stations in Oregon. Journal of Surveying Engineering, - ASCE, 2022, 148, .	1.7	0