

Christian Heipke

List of Publications by Year in descending order

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Version: 2024-02-01

205
papers

3,843
citations

218592

26
h-index

175177

52
g-index

214
all docs

214
docs citations

214
times ranked

3827
citing authors

#	ARTICLE	IF	CITATIONS
1	An International Comparison of Individual Tree Detection and Extraction Using Airborne Laser Scanning. <i>Remote Sensing</i> , 2012, 4, 950-974.	1.8	376
2	Crowdsourcing geospatial data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2010, 65, 550-557.	4.9	370
3	Relevance assessment of full-waveform lidar data for urban area classification. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2011, 66, S71-S84.	4.9	215
4	JOINT 3D ESTIMATION OF VEHICLES AND SCENE FLOW. <i>ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences</i> , 0, II-3/W5, 427-434.	0.0	203
5	Topography of Mars from global mapping by HRSC high-resolution digital terrain models and orthoimages: Characteristics and performance. <i>Earth and Planetary Science Letters</i> , 2010, 294, 506-519.	1.8	133
6	The High Resolution Stereo Camera (HRSC) of Mars Express and its approach to science analysis and mapping for Mars and its satellites. <i>Planetary and Space Science</i> , 2016, 126, 93-138.	0.9	128
7	Object Scene Flow. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 140, 60-76.	4.9	120
8	Derivation and Validation of High-Resolution Digital Terrain Models from Mars Express HRSC Data. <i>Photogrammetric Engineering and Remote Sensing</i> , 2009, 75, 1127-1142.	0.3	98
9	Integration of heterogeneous geospatial data in a federated database. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2007, 62, 328-346.	4.9	76
10	Information from imagery: ISPRS scientific vision and research agenda. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2016, 115, 3-21.	4.9	75
11	Discrete Optimization for Optical Flow. <i>Lecture Notes in Computer Science</i> , 2015, , 16-28.	1.0	71
12	Evaluating planetary digital terrain modelsâ€”The HRSC DTM test. <i>Planetary and Space Science</i> , 2007, 55, 2173-2191.	0.9	69
13	Automation of interior, relative, and absolute orientation. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 1997, 52, 1-19.	4.9	68
14	Aspects of generating precise digital terrain models in the Wadden Sea from lidarâ€”water classification and structure line extraction. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2008, 63, 510-528.	4.9	68
15	Conditional Random Fields for Multitemporal and Multiscale Classification of Optical Satellite Imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015, 53, 659-673.	2.7	62
16	HRSC on Mars Express â€” Photogrammetric and Cartographic Research. <i>Photogrammetric Engineering and Remote Sensing</i> , 2005, 71, 1153-1166.	0.3	60
17	A Marked Point Process for Modeling Lidar Waveforms. <i>IEEE Transactions on Image Processing</i> , 2010, 19, 3204-3221.	6.0	59
18	Automatic extraction and delineation of single trees from remote sensing data. <i>Machine Vision and Applications</i> , 2007, 18, 317-330.	1.7	57

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19	Derivation of planetary topography using multi-image shape-from-shading. Planetary and Space Science, 2006, 54, 661-674.	0.9	51
20	Matching of straight line segments from aerial stereo images of urban areas. ISPRS Journal of Photogrammetry and Remote Sensing, 2012, 74, 133-152.	4.9	46
21	HIERARCHICAL HIGHER ORDER CRF FOR THE CLASSIFICATION OF AIRBORNE LIDAR POINT CLOUDS IN URBAN AREAS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B3, 655-662.	0.2	45
22	Feature detection and description for image matching: from hand-crafted design to deep learning. Geo-Spatial Information Science, 2021, 24, 58-74.	2.4	44
23	Road Network Extraction in Suburban Areas. Photogrammetric Record, 2012, 27, 8-28.	0.4	43
24	Comparison of Matching Algorithms for DSM Generation in Urban Areas from Ikonos Imagery. Photogrammetric Engineering and Remote Sensing, 2010, 76, 1041-1050.	0.3	39
25	Modelling of buildings from aerial LiDAR point clouds using TINs and label maps. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 154, 127-138.	4.9	39
26	CLASSIFICATION OF LAND COVER AND LAND USE BASED ON CONVOLUTIONAL NEURAL NETWORKS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-3, 251-258.	0.0	34
27	UAV-based photogrammetry: monitoring of a building zone. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-5, 601-606.	0.2	33
28	Network snakes: graph-based object delineation with active contour models. Machine Vision and Applications, 2012, 23, 91-109.	1.7	32
29	Deep learning for geometric and semantic tasks in photogrammetry and remote sensing. Geo-Spatial Information Science, 2020, 23, 10-19.	2.4	32
30	A higher order conditional random field model for simultaneous classification of land cover and land use. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 130, 63-80.	4.9	30
31	Road junction extraction from high-resolution aerial imagery. Photogrammetric Record, 2008, 23, 405-423.	0.4	29
32	Multi-view dense matching supported by triangular meshes. ISPRS Journal of Photogrammetry and Remote Sensing, 2011, 66, 907-918.	4.9	29
33	Graph-supported verification of road databases. ISPRS Journal of Photogrammetry and Remote Sensing, 2004, 58, 152-165.	4.9	26
34	An unsupervised domain adaptation approach for change detection and its application to deforestation mapping in tropical biomes. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 181, 113-128.	4.9	25
35	Building extraction from aerial imagery using a generic scene model and invariant geometric moments. , 0, , .		24
36	A label noise tolerant random forest for the classification of remote sensing data based on outdated maps for training. Computer Vision and Image Understanding, 2019, 188, 102782.	3.0	24

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37	Structure from motion for ordered and unordered image sets based on random k-d forests and global pose estimation. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 147, 19-41.	4.9	24
38	Digital Terrain Models As A Tool For Glacier Studies. Journal of Glaciology, 1990, 36, 273-278.	1.1	23
39	Image-based quality assessment of road databasesX. International Journal of Geographical Information Science, 2008, 22, 871-894.	2.2	21
40	Semi-automatic verification of cropland and grassland using very high resolution mono-temporal satellite images. ISPRS Journal of Photogrammetry and Remote Sensing, 2014, 97, 204-218.	4.9	21
41	Integrity and Collaboration in Dynamic Sensor Networks. Sensors, 2018, 18, 2400.	2.1	21
42	3D BUILDING CHANGE DETECTION USING HIGH RESOLUTION STEREO IMAGES AND A GIS DATABASE. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XXXIX-B7, 299-304.	0.2	20
43	Some Requirements for Geographic Information Systems. Photogrammetric Engineering and Remote Sensing, 2004, 70, 185-195.	0.3	18
44	Semantically correct 2.5D GIS data – The integration of a DTM and topographic vector data. ISPRS Journal of Photogrammetry and Remote Sensing, 2006, 61, 23-32.	4.9	17
45	Probabilistic multi-person localisation and tracking in image sequences. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 127, 73-88.	4.9	17
46	Context pyramidal network for stereo matching regularized by disparity gradients. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 157, 201-215.	4.9	17
47	THERMAL IR IMAGING: IMAGE QUALITY AND ORTHOPHOTO GENERATION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-1, 413-420.	0.2	17
48	<title>Hierarchical approach to automatic road extraction from aerial imagery</title>. , 1995, , .		16
49	Context-Supported Road Extraction. , 1997, , 299-308.		16
50	A hierarchical deep learning framework for the consistent classification of land use objects in geospatial databases. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 177, 38-56.	4.9	16
51	Forest point processes for the automatic extraction of networks in raster data. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 126, 38-55.	4.9	15
52	CONTEXTUAL CLASSIFICATION OF POINT CLOUDS USING A TWO-STAGE CRF. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-3/W2, 141-148.	0.2	15
53	A New Binary Encoding Algorithm for the Simultaneous Region-based Classification of Hyperspectral Data and Digital Surface Models. Photogrammetrie, Fernerkundung, Geoinformation, 2011, 2011, 17-33.	1.2	13
54	Semantic Segmentation of Fisheye Images. Lecture Notes in Computer Science, 2019, , 181-196.	1.0	13

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55	TOWARDS BETTER CLASSIFICATION OF LAND COVER AND LAND USE BASED ON CONVOLUTIONAL NEURAL NETWORKS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W13, 139-146.	0.2	13
56	Verification of road databases using multiple road models. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 130, 44-62.	4.9	12
57	KÄ¼stenliniendetektion in der Antarktis mit Hilfe von Snakes. Photogrammetrie, Fernerkundung, Geoinformation, 2011, 2011, 421-434.	1.2	11
58	Semi-automatic Quality Control of Topographic Data Sets. Photogrammetric Engineering and Remote Sensing, 2012, 78, 959-972.	0.3	11
59	Synchronization of Image Sequences - A Photogrammetric Method. Photogrammetric Engineering and Remote Sensing, 2009, 75, 535-546.	0.3	10
60	Classification of multitemporal remote sensing data using Conditional Random Fields. , 2010, , .		10
61	An open source object-based framework to extract landform classes. Expert Systems With Applications, 2012, 39, 541-554.	4.4	10
62	Global robust image rotation from combined weighted averaging. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 127, 89-101.	4.9	10
63	Integration of TerraSAR-X, RapidEye and airborne lidar for remote sensing of intertidal bedforms on the upper flats of Norderney (German Wadden Sea). Geo-Marine Letters, 2017, 37, 193-205.	0.5	10
64	Lidar waveform modeling using a marked point process. , 2009, , .		9
65	Using snakes for the registration of topographic road database objects to ALS features. ISPRS Journal of Photogrammetry and Remote Sensing, 2011, 66, 858-871.	4.9	9
66	High Resolution Earth Imaging for Geospatial Information. Photogrammetrie, Fernerkundung, Geoinformation, 2012, 2012, 315-316.	1.2	9
67	Accurate Reconstruction of Near-Epipolar Line Segments from Stereo Aerial Images. Photogrammetrie, Fernerkundung, Geoinformation, 2012, 2012, 345-358.	1.2	9
68	Sequential Gaussian Mixture Models for Two-Level Conditional Random Fields. Lecture Notes in Computer Science, 2013, , 153-163.	1.0	9
69	CONFIDENCE-AWARE PEDESTRIAN TRACKING USING A STEREO CAMERA. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-2/W5, 53-60.	0.0	9
70	DETECTION AND 3D MODELLING OF VEHICLES FROM TERRESTRIAL STEREO IMAGE PAIRS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-1/W1, 505-512.	0.2	9
71	EVALUATION OF SEMANTIC SEGMENTATION METHODS FOR DEFORESTATION DETECTION IN THE AMAZON. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B3-2020, 1497-1505.	0.2	9
72	QTRAJECTORIES: IMPROVING THE QUALITY OF OBJECT TRACKING USING SELF-ORGANIZING CAMERA NETWORKS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, I-4, 269-274.	0.0	9

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73	CONTEXT MODELS FOR CRF-BASED CLASSIFICATION OF MULTITEMPORAL REMOTE SENSING DATA. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, I-7, 129-134.	0.0	9
74	Metaheuristics for Supervised Parameter Tuning of Multiresolution Segmentation. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1364-1368.	1.4	8
75	Updating geospatial databases from images. , 2008, , 355-362.		8
76	MARKED POINT PROCESSES FOR THE AUTOMATIC DETECTION OF BOMB CRATERS IN AERIAL WARTIME IMAGES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W13, 51-60.	0.2	8
77	PROBABILISTIC MULTI-PERSON TRACKING USING DYNAMIC BAYES NETWORKS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-3/W5, 435-442.	0.0	8
78	SYSTEMATIC BUNDLE ADJUSTMENT OF HRSC IMAGE DATA. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XXXIX-B4, 301-306.	0.2	8
79	Quality assessment of digital surface models derived from the Shuttle Radar Topography Mission (SRTM). , 0, , .		7
80	Segmentation Based on Normalized Cuts for the Detection of Suburban Roads in Aerial Imagery. , 2007, , .		7
81	ASTER/Terra Imagery and a Multilevel Semantic Network for Semi-automated Classification of Landforms in a Subtropical Area. Photogrammetric Engineering and Remote Sensing, 2011, 77, 619-629.	0.3	7
82	PRECISE VEHICLE RECONSTRUCTION FOR AUTONOMOUS DRIVING APPLICATIONS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-2/W5, 21-28.	0.0	7
83	FEATURE DESCRIPTOR BY CONVOLUTION AND POOLING AUTOENCODERS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-3/W2, 31-38.	0.2	7
84	USING LABEL NOISE ROBUST LOGISTIC REGRESSION FOR AUTOMATED UPDATING OF TOPOGRAPHIC GEOSPATIAL DATABASES. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-7, 133-140.	0.0	7
85	Deep learning feature representation for image matching under large viewpoint and viewing direction change. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 190, 94-112.	4.9	7
86	Sensor and data fusion contest: information for mapping from airborne SAR and optical imagery. , 0, , .		6
87	Simulation studies and practical tests using multi-image shape from shading. ISPRS Journal of Photogrammetry and Remote Sensing, 2001, 56, 139-148.	4.9	6
88	Road extraction in suburban areas by region-based road subgraph extraction and evaluation. , 2009, , .		6
89	Multi-view Person Re-identification in a Fisheye Camera Network with Different Viewing Directions. PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science, 2019, 87, 263-274.	0.7	6
90	CNN-Based Cost Volume Analysis as Confidence Measure for Dense Matching. , 2019, , .		6

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91	3D Pedestrian tracking using local structure constraints. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 166, 347-358.	4.9	6
92	Aleatoric uncertainty estimation for dense stereo matching via CNN-based cost volume analysis. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 171, 63-75.	4.9	6
93	Camera Orientation of Mars Express Using DTM Information. Lecture Notes in Computer Science, 2004, , 544-552.	1.0	6
94	Unsupervised Source Selection for Domain Adaptation. Photogrammetric Engineering and Remote Sensing, 2018, 84, 249-261.	0.3	6
95	AN EFFICIENT METHOD TO DETECT MUTUAL OVERLAP OF A LARGE SET OF UNORDERED IMAGES FOR STRUCTURE-FROM-MOTION. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-1/W1, 191-198.	0.0	6
96	DOMAIN ADAPTATION WITH CYCLEGAN FOR CHANGE DETECTION IN THE AMAZON FOREST. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B3-2020, 1635-1643.	0.2	6
97	MULTIPLE-MODEL BASED VERIFICATION OF ROAD DATA. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, I-3, 329-334.	0.0	6
98	AN ITERATIVE INFERENCE PROCEDURE APPLYING CONDITIONAL RANDOM FIELDS FOR SIMULTANEOUS CLASSIFICATION OF LAND COVER AND LAND USE. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-3/W5, 369-376.	0.0	6
99	USING LABEL NOISE ROBUST LOGISTIC REGRESSION FOR AUTOMATED UPDATING OF TOPOGRAPHIC GEOSPATIAL DATABASES. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-7, 133-140.	0.0	6
100	DELINEATION OF BUILDING FOOTPRINTS FROM HIGH RESOLUTION SATELLITE STEREO IMAGERY USING IMAGE MATCHING AND A GIS DATABASE. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-1/W1, 81-85.	0.2	6
101	Fusion of time-series optical and SAR images using 3D convolutional neural networks for crop classification. Geocarto International, 2024, 37, 15143-15160.	1.7	6
102	Knowledge-based road junction extraction from high-resolution aerial images. , 2007, , .		5
103	Classification of multitemporal remote sensing data of different resolution using Conditional Random Fields. , 2011, , .		5
104	Theme issue "State-of-the-art in photogrammetry, remote sensing and spatial information science" ISPRS Journal of Photogrammetry and Remote Sensing, 2016, 115, 1-2.	4.9	5
105	CLASSIFICATION UNDER LABEL NOISE BASED ON OUTDATED MAPS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-1/W1, 215-222.	0.0	5
106	GENERATING IMPACT MAPS FROM AUTOMATICALLY DETECTED BOMB CRATERS IN AERIAL WARTIME IMAGES USING MARKED POINT PROCESSES. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-3, 127-134.	0.0	5
107	SEMANTIC SEGMENTATION OF BRAZILIAN SAVANNA VEGETATION USING HIGH SPATIAL RESOLUTION SATELLITE DATA AND U-NET. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, V-3-2020, 505-511.	0.0	5
108	UAV-BASED THERMAL ANOMALY DETECTION FOR DISTRIBUTED HEATING NETWORKS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B1-2020, 499-505.	0.2	5

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109	GLOBAL ROTATION ESTIMATION USING WEIGHTED ITERATIVE LIE ALGEBRAIC AVERAGING. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-3/W5, 443-449.	0.0	5
110	ANALYZING A BLOCK OF HRSC IMAGE STRIPS FOR A SIMULTANEOUS BUNDLE ADJUSTMENT. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-4, 15-20.	0.0	5
111	Learning image descriptors for matching based on Haar features. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-3, 61-66.	0.2	5
112	<title>State-of-the-art digital photogrammetric workstations for topographic applications</title>. , 1993, 1944, 210.		4
113	Detecting road junctions by artificial neural networks. , 0, , .		4
114	Automatic extraction of wind erosion obstacles by integration of GIS data, DSM and stereo images. International Journal of Remote Sensing, 2006, 27, 1677-1690.	1.3	4
115	The Radial Topology Algorithmâ€”A New Approach for Deriving 2.5D GIS Data Models. Geoinformatica, 2006, 10, 447-468.	2.0	4
116	A Stereoscopic Approach for the Association of People Tracks in Video Surveillance Systems. Photogrammetrie, Fernerkundung, Geoinformation, 2013, 2013, 83-92.	1.2	4
117	Robustifying Relative Orientations With Respect to Repetitive Structures and Very Short Baselines for Global SfM. , 2019, , .		4
118	ROBUST IMAGE ORIENTATION BASED ON RELATIVE ROTATIONS AND TIE POINTS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-2, 295-302.	0.0	4
119	INVESTIGATIONS ON SKIP-CONNECTIONS WITH AN ADDITIONAL COSINE SIMILARITY LOSS FOR LAND COVER CLASSIFICATION. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, V-3-2020, 339-346.	0.0	4
120	SUPERVISED DETECTION OF BOMB CRATERS IN HISTORICAL AERIAL IMAGES USING CONVOLUTIONAL NEURAL NETWORKS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W16, 67-74.	0.2	4
121	A Dynamic Bayes Network for visual Pedestrian Tracking. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-3, 145-150.	0.2	4
122	ACCURATE MATCHING AND RECONSTRUCTION OF LINE FEATURES FROM ULTRA HIGH RESOLUTION STEREO AERIAL IMAGES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XXXVIII-4/W19, 215-220.	0.2	4
123	Photogrammetrie und Fernerkundung â€œ eine EinfÃ¼hrung. , 2017, , 1-27.		4
124	Robust Structure From Motion Based on Relative Rotations and Tie Points. Photogrammetric Engineering and Remote Sensing, 2019, 85, 347-359.	0.3	4
125	Object-based binary encoding algorithm -an integration of hyperspectral data and DSM. , 2009, , .		3
126	Comparison of three airborne laser bathymetry data sets for monitoring the German Baltic Sea Coast. Proceedings of SPIE, 2015, , .	0.8	3

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127	Network Snakes-Supported Extraction of Field Boundaries from Imagery. Lecture Notes in Computer Science, 2005, , 417-424.	1.0	3
128	Estimating the Mutual Orientation in a Multi-camera System with a Non Overlapping Field of View. Lecture Notes in Computer Science, 2011, , 13-24.	1.0	3
129	Multitemporal Classification Under Label Noise Based on Outdated Maps. Photogrammetric Engineering and Remote Sensing, 2018, 84, 263-277.	0.3	3
130	CONVEX IMAGE ORIENTATION FROM RELATIVE ORIENTATIONS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-3, 107-114.	0.0	3
131	ITERATIVE RE-WEIGHTED INSTANCE TRANSFER FOR DOMAIN ADAPTATION. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-3, 339-346.	0.0	3
132	A COMPARISON OF TWO STRATEGIES FOR AVOIDING NEGATIVE TRANSFER IN DOMAIN ADAPTATION BASED ON LOGISTIC REGRESSION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2, 845-852.	0.2	3
133	ASSIGNING TIE POINTS TO A GENERALISED BUILDING MODEL FOR UAS IMAGE ORIENTATION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W6, 385-392.	0.2	3
134	ON-LINE COMPATIBLE ORIENTATION OF A MICRO-UAV BASED ON IMAGE TRIPLETS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-3/W2, 37-42.	0.0	3
135	A GRAPH BASED MODEL FOR THE DETECTION OF TIDAL CHANNELS USING MARKED POINT PROCESSES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-3/W3, 115-121.	0.2	3
136	INTEGRATION OF A GENERALISED BUILDING MODEL INTO THE POSE ESTIMATION OF UAS IMAGES. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B1, 1057-1064.	0.2	3
137	Multimodal Dense Stereo Matching. Lecture Notes in Computer Science, 2019, , 407-421.	1.0	3
138	<title>Approach for automatic relative orientation</title>. , 1994, 2252, 347.		2
139	Semantically Correct 2.5D GIS Data " the Integration of a DTM and Topographic Vector Data. , 2005, , 509-526.		2
140	Theme issue: "Digital aerial cameras" ISPRS Journal of Photogrammetry and Remote Sensing, 2006, 60, 361-362.	4.9	2
141	SVM-based road verification with partly non-representative training data. , 2011, , .		2
142	RECOVERING THE 3D POSE AND SHAPE OF VEHICLES FROM STEREO IMAGES. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, IV-2, 73-80.	0.0	2
143	GEOMETRY-BASED REGULARISATION FOR DENSE IMAGE MATCHING VIA UNCERTAINTY-DRIVEN DEPTH PROPAGATION. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, V-2-2020, 151-159.	0.0	2
144	DEEP LEARNING BASED FEATURE MATCHING AND ITS APPLICATION IN IMAGE ORIENTATION. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, V-2-2020, 25-33.	0.0	2

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145	EXPLORING SEMANTIC RELATIONSHIPS FOR HIERARCHICAL LAND USE CLASSIFICATION BASED ON CONVOLUTIONAL NEURAL NETWORKS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, V-2-2020, 599-607.	0.0	2
146	BIFOCAL STEREO FOR MULTIPATH PERSON RE-IDENTIFICATION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W8, 37-44.	0.2	2
147	IMPROVING DISPARITY ESTIMATION BASED ON RESIDUAL COST VOLUME AND RECONSTRUCTION ERROR VOLUME. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2020, 135-142.	0.2	2
148	IMPROVING THE CLASSIFICATION OF LAND USE OBJECTS USING DENSE CONNECTIVITY OF CONVOLUTIONAL NEURAL NETWORKS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLIII-B2-2020, 667-673.	0.2	2
149	NETWORK SNAKES FOR ADAPTING GIS ROADS TO HEIGHT DATA OF DIFFERENT DATA SOURCES " PERFORMANCE ANALYSIS USING ALS DATA AND STEREO IMAGES. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, I-3, 209-214.	0.0	2
150	CONVEX IMAGE ORIENTATION FROM RELATIVE ORIENTATIONS. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-3, 107-114.	0.0	2
151	GRAPH MATCHING FOR THE REGISTRATION OF PERSISTENT SCATTERERS TO OPTICAL OBLIQUE IMAGERY. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-7, 195-202.	0.0	2
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