Christian Heipke

List of Publications by Year
in descending order

| 205 papers | 3,843 citations | 218677 | 26 h-index | 175258 | 52 g-index |

| 214 all docs | 214 docs citations | 214 times ranked | 3827 citing authors |

#	ARTICLE	IF	CITATIONS
1	Fusion of time-series optical and SAR images using 3D convolutional neural networks for crop classification. Geocarto International, 2024, 37, 15143-15160.	3.5	6
2	Generating impact maps from bomb craters automatically detected in aerial wartime images using marked point processes. ISPRS Open Journal of Photogrammetry and Remote Sensing, 2022, 5, 100017.	3.1	2
3	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.	11.1	7
4	Aleatoric uncertainty estimation for dense stereo matching via CNN-based cost volume analysis. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 171, 63-75.	11.1	6
5	Feature detection and description for image matching: from hand-crafted design to deep learning. Geo-Spatial Information Science, 2021, 24, 58-74.	5.3	44
6	Gottfried Konecny: From draftsman to Professor emeritus â€" 75 years of involvement in photogrammetry and remote sensing. Geo-Spatial Information Science, 2021, 24, 1-4.	5.3	1
7	Sequential Cycle Consistency Inference for Eliminating Incorrect Relative Orientations in Structure from Motion. PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science, 2021, 89, 233-249.	1.1	1
8	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.	11.1	16
9	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.	11.1	25
10	3D Pedestrian tracking using local structure constraints. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 166, 347-358.	11.1	6
11	Deep learning for geometric and semantic tasks in photogrammetry and remote sensing. Geo-Spatial Information Science, 2020, 23, 10-19.	5.3	32
12	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.	1.1	6
13	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.	4.7	24
14	Context pyramidal network for stereo matching regularized by disparity gradients. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 157, 201-215.	11.1	17
15	Modelling of buildings from aerial LiDAR point clouds using TINs and label maps. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 154, 127-138.	11.1	39
16	Semantic Segmentation of Fisheye Images. Lecture Notes in Computer Science, 2019, , 181-196.	1.3	13
17	Robustifying Relative Orientations With Respect to Repetitive Structures and Very Short Baselines for Global SfM. , 2019, , .		4
18	CNN-Based Cost Volume Analysis as Confidence Measure for Dense Matching. , 2019, , .		6

#	Article	IF	Citations
19	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.	11.1	24
20	View-Aware Person Re-identification. Lecture Notes in Computer Science, 2019, , 46-59.	1.3	1
21	Multimodal Dense Stereo Matching. Lecture Notes in Computer Science, 2019, , 407-421.	1.3	3
22	Robust Structure From Motion Based on Relative Rotations and Tie Points. Photogrammetric Engineering and Remote Sensing, 2019, 85, 347-359.	0.6	4
23	Object Scene Flow. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 140, 60-76.	11.1	120
24	A Hybrid Approach for Delineation of Building Footprints From Space-borne Stereo Images. , 2018, , .		0
25	GPU-enhanced Multimodal Dense Matching. , 2018, , .		1
26	Integrity and Collaboration in Dynamic Sensor Networks. Sensors, 2018, 18, 2400.	3.8	21
27	Unsupervised Source Selection for Domain Adaptation. Photogrammetric Engineering and Remote Sensing, 2018, 84, 249-261.	0.6	6
28	Multitemporal Classification Under Label Noise Based on Outdated Maps. Photogrammetric Engineering and Remote Sensing, 2018, 84, 263-277.	0.6	3
29	Editorial—Best of "ISPRS Hannover Workshop 2017". Photogrammetric Engineering and Remote Sensing, 2018, 84, 247-248.	0.6	0
30	Probabilistic multi-person localisation and tracking in image sequences. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 127, 73-88.	11.1	17
31	Classification of Stereo Images from Mobile Mapping Data Using Conditional Random Fields. PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science, 2017, 85, 17-30.	1.1	1
32	Assigning Persistent Scatterers of Regular Multi-Story Buildings to Optical Oblique Images. PFG - Journal of Photogrammetry, Remote Sensing and Geoinformation Science, 2017, 85, 67-74.	1.1	0
33	Global robust image rotation from combined weighted averaging. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 127, 89-101.	11.1	10
34	Forest point processes for the automatic extraction of networks in raster data. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 126, 38-55.	11.1	15
35	Verification of road databases using multiple road models. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 130, 44-62.	11.1	12
36	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.	11.1	30

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37	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.	1.1	10
38	Spatial-temporal conditional random field based model for crop recognition in tropical regions. , 2017, , .		1
39	Photogrammetrie und Fernerkundung â€" eine Einführung. , 2017, , 1-27.		4
40	Data Acquisition, Automation. , 2017, , 401-405.		0
41	Planetare Fernerkundung. , 2017, , 373-429.		0
42	Automatic Generation of Orthorectified High Resolution Satellite Imagery â€" a Case Study for Saudi Arabia. Photogrammetrie, Fernerkundung, Geoinformation, 2016, 2016, 5-15.	1.2	0
43	Theme issue â€œState-of-the-art in photogrammetry, remote sensing and spatial information scienceâ€. ISPRS Journal of Photogrammetry and Remote Sensing, 2016, 115, 1-2.	11.1	5
44	The High Resolution Stereo Camera (HRSC) of Mars Express and its approach to science analysis and mapping for Mars and its satellites. Planetary and Space Science, 2016, 126, 93-138.	1.7	128
45	Metaheuristics for Supervised Parameter Tuning of Multiresolution Segmentation. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1364-1368.	3.1	8
46	Information from imagery: ISPRS scientific vision and research agenda. ISPRS Journal of Photogrammetry and Remote Sensing, 2016, 115, 3-21.	11.1	75
47	Data Acquisition, Automation. , 2016, , 1-5.		0
48	Comparison of three airborne laser bathymetry data sets for monitoring the German Baltic Sea Coast. Proceedings of SPIE, 2015, , .	0.8	3
49	Conditional Random Fields for Multitemporal and Multiscale Classification of Optical Satellite Imagery. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 659-673.	6.3	62
50	Discrete Optimization for Optical Flow. Lecture Notes in Computer Science, 2015, , 16-28.	1.3	71
51	Planetare Fernerkundung. , 2015, , 1-58.		0
52	Photogrammetrie und Fernerkundung â€" eine Einführung. , 2015, , 1-27.		0
53	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.	11.1	21
54	A Stereoscopic Approach for the Association of People Tracks in Video Surveillance Systems. Photogrammetrie, Fernerkundung, Geoinformation, 2013, 2013, 83-92.	1.2	4

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55	Sequential Gaussian Mixture Models for Two-Level Conditional Random Fields. Lecture Notes in Computer Science, 2013, , 153-163.	1.3	9
56	Semi-automatic Quality Control of Topographic Data Sets. Photogrammetric Engineering and Remote Sensing, 2012, 78, 959-972.	0.6	11
57	Identifying Correspondences in Sparse and Varying 3D Point Clouds using Distinctive Features. Photogrammetrie, Fernerkundung, Geoinformation, 2012, 2012, 535-546.	1.2	0
58	High Resolution Earth Imaging for Geospatial Information. Photogrammetrie, Fernerkundung, Geoinformation, 2012, 2012, 315-316.	1.2	9
59	Dichte 3D-Rekonstruktion von OberflÃ¤chen mit geringer Textur unter Anwendung eines Energieminimierungsverfahrens mit Glattheitsannahmen. Photogrammetrie, Fernerkundung, Geoinformation, 2012, 2012, 51-61.	1.2	0
60	Accurate Reconstruction of Near-Epipolar Line Segments from Stereo Aerial Images. Photogrammetrie, Fernerkundung, Geoinformation, 2012, 2012, 345-358.	1.2	9
61	An International Comparison of Individual Tree Detection and Extraction Using Airborne Laser Scanning. Remote Sensing, 2012, 4, 950-974.	4.0	376
62	3D classification of crossroads from multiple aerial images using conditional random fields. , 2012, , .		1
63	Matching of straight line segments from aerial stereo images of urban areas. ISPRS Journal of Photogrammetry and Remote Sensing, 2012, 74, 133-152.	11.1	46
64	Road Network Extraction in Suburban Areas. Photogrammetric Record, 2012, 27, 8-28.	0.4	43
65	An open source object-based framework to extract landform classes. Expert Systems With Applications, 2012, 39, 541-554.	7.6	10
66	Network snakes: graph-based object delineation with active contour models. Machine Vision and Applications, 2012, 23, 91-109.	2.7	32
67	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
68	KÃ¼stenliniendetektion in der Antarktis mit Hilfe von Snakes. Photogrammetrie, Fernerkundung, Geoinformation, 2011, 2011, 421-434.	1.2	11
69	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.	0.6	7
70	Multi-view dense matching supported by triangular meshes. ISPRS Journal of Photogrammetry and Remote Sensing, 2011, 66, 907-918.	11.1	29
71	Using snakes for the registration of topographic road database objects to ALS features. ISPRS Journal of Photogrammetry and Remote Sensing, 2011, 66, 858-871.	11.1	9
72	Relevance assessment of full-waveform lidar data for urban area classification. ISPRS Journal of Photogrammetry and Remote Sensing, 2011, 66, S71-S84.	11.1	215

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73	SVM-based road verification with partly non-representative training data. , 2011, , .		2
74	Classification of multitemporal remote sensing data of different resolution using Conditional Random Fields. , 2011, , .		5
75	Estimating the Mutual Orientation in a Multi-camera System with a Non Overlapping Field of View. Lecture Notes in Computer Science, 2011, , 13-24.	1.3	3
76	In-Strip Matching and Reconstruction of Line Segments from UHR Aerial Image Triplets. Lecture Notes in Computer Science, 2011, , 61-72.	1.3	0
77	Comparison of Matching Algorithms for DSM Generation in Urban Areas from Ikonos Imagery. Photogrammetric Engineering and Remote Sensing, 2010, 76, 1041-1050.	0.6	39
78	Crowdsourcing geospatial data. ISPRS Journal of Photogrammetry and Remote Sensing, 2010, 65, 550-557.	11.1	370
79	Ian Dowman Retirement Symposium: Progress and Prospects for Photogrammetry and Remote Sensing in a Changing World. Photogrammetric Record, 2010, 25, 466-468.	0.4	0
80	Topography of Mars from global mapping by HRSC high-resolution digital terrain models and orthoimages: Characteristics and performance. Earth and Planetary Science Letters, 2010, 294, 506-519.	4.4	133
81	Classification of multitemporal remote sensing data using Conditional Random Fields. , 2010, , .		10
82	A Marked Point Process for Modeling Lidar Waveforms. IEEE Transactions on Image Processing, 2010, 19, 3204-3221.	9.8	59
83	Lidar waveform modeling using a marked point process. , 2009, , .		9
84	Road extraction in suburban areas by region-based road subgraph extraction and evaluation. , 2009, , .		6
85	Object-based binary encoding algorithm -an integration of hyperspectral data and DSM. , 2009, , .		3
86	Synchronization of Image Sequences - A Photogrammetric Method. Photogrammetric Engineering and Remote Sensing, 2009, 75, 535-546.	0.6	10
87	Derivation and Validation of High-Resolution Digital Terrain Models from Mars Express HRSC Data. Photogrammetric Engineering and Remote Sensing, 2009, 75, 1127-1142.	0.6	98
88	Aspects of generating precise digital terrain models in the Wadden Sea from lidar–water classification and structure line extraction. ISPRS Journal of Photogrammetry and Remote Sensing, 2008, 63, 510-528.	11.1	68
89	High-resolution earth imaging for geospatial information, Part I. Photogrammetric Record, 2008, 23, 252-254.	0.4	1
90	Road junction extraction from high-resolution aerial imagery. Photogrammetric Record, 2008, 23, 405-423.	0.4	29

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91	High-resolution earth imaging for geospatial information, part II. Photogrammetric Record, 2008, 23, 351-352.	0.4	1
92	Image‐based quality assessment of road databasesX. International Journal of Geographical Information Science, 2008, 22, 871-894.	4.8	21
93	Updating geospatial databases from images. , 2008, , 355-362.		8
94	Data Acquisition, Automation. , 2008, , 197-200.		1
95	Segmentation Based on Normalized Cuts for the Detection of Suburban Roads in Aerial Imagery. , 2007, , .		7
96	Knowledge-based road junction extraction from high-resolution aerial images. , 2007, , .		5
97	Evaluating planetary digital terrain models—The HRSC DTM test. Planetary and Space Science, 2007, 55, 2173-2191.	1.7	69
98	Automatic extraction and delineation of single trees from remote sensing data. Machine Vision and Applications, 2007, 18, 317-330.	2.7	57
99	Integration of heterogeneous geospatial data in a federated database. ISPRS Journal of Photogrammetry and Remote Sensing, 2007, 62, 328-346.	11.1	76
100	Automatic extraction of wind erosion obstacles by integration of GIS data, DSM and stereo images. International Journal of Remote Sensing, 2006, 27, 1677-1690.	2.9	4
101	Derivation of planetary topography using multi-image shape-from-shading. Planetary and Space Science, 2006, 54, 661-674.	1.7	51
102	The Radial Topology Algorithm—A New Approach for Deriving 2.5D GIS Data Models. GeoInformatica, 2006, 10, 447-468.	2.7	4
103	Theme issue: "Digital aerial cameras". ISPRS Journal of Photogrammetry and Remote Sensing, 2006, 60, 361-362.	11.1	2
104	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.	11.1	17
105	Semantically Correct 2.5D GIS Data — the Integration of a DTM and Topographic Vector Data. , 2005, , 509-526.		2
106	HRSC on Mars Express — Photogrammetric and Cartographic Research. Photogrammetric Engineering and Remote Sensing, 2005, 71, 1153-1166.	0.6	60
107	Network Snakes-Supported Extraction of Field Boundaries from Imagery. Lecture Notes in Computer Science, 2005, , 417-424.	1.3	3
108	Graph-supported verification of road databases. ISPRS Journal of Photogrammetry and Remote Sensing, 2004, 58, 152-165.	11.1	26

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109	Some Requirements for Geographic Information Systems. Photogrammetric Engineering and Remote Sensing, 2004, 70, 185-195.	0.6	18
110	Camera Orientation of Mars Express Using DTM Information. Lecture Notes in Computer Science, 2004, , 544-552.	1.3	6
111	Simulation studies and practical tests using multi-image shape from shading. ISPRS Journal of Photogrammetry and Remote Sensing, 2001, 56, 139-148.	11.1	6
112	<title>Automatic aerotriangulation with frame and three-line imagery</title>. , 1997, , .		1
113	Context-Supported Road Extraction. , 1997, , 299-308.		16
114	Automation of interior, relative, and absolute orientation. ISPRS Journal of Photogrammetry and Remote Sensing, 1997, 52, 1-19.	11.1	68
115	<title>Hierarchical approach to automatic road extraction from aerial imagery</title>. , 1995, , .		16
116	<title>Approach for automatic relative orientation</title>. , 1994, 2252, 347.		2
117	<title>Global image matching and surface reconstruction in object space using aerial images</title>. , 1993, , .		0
118	<title>State-of-the-art digital photogrammetric workstations for topographic applications</title>. , 1993, 1944, 210.		4
119	Joint Workshop on â€œHardware and Software for Fast Image Data Processingâ€. ISPRS Journal of Photogrammetry and Remote Sensing, 1990, 45, 289-290.	11.1	0
120	Digital Terrain Models As A Tool For Glacier Studies. Journal of Glaciology, 1990, 36, 273-278.	2.2	23
121	Acquisition and updating of ATKIS using satellite remote sensing imagery. , 0, , .		1
122	Building extraction from aerial imagery using a generic scene model and invariant geometric moments. , 0, , .		24
123	Sensor and data fusion contest: information for mapping from airborne SAR and optical imagery. , 0, , .		6
124	Quality assessment of digital surface models derived from the Shuttle Radar Topography Mission (SRTM). , 0, , .		7
125	Detecting road junctions by artificial neural networks. , 0, , .		4
126	RELATIVE POSE ESTIMATION USING IMAGE FEATURE TRIPLETS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-3/W2, 39-45.	0.2	0

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127	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
128	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
129	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
130	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
131	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
132	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
133	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
134	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
135	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
136	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
137	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
138	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
139	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
140	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
141	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
142	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
143	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
144	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

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145	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
146	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
147	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
148	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
149	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
150	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
151	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
152	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
153	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
154	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
155	NETWORK SNAKES FOR ADAPTING GIS ROADS TO HEIGHT DATA OF DIFFERENT DATA SOURCES â€" 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
156	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
157	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
158	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
159	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
160	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
161	JOINT 3D ESTIMATION OF VEHICLES AND SCENE FLOW. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, II-3/W5, 427-434.	0.0	203
162	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

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163	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
164	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
165	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
166	INVARIANT DESCRIPTOR LEARNING USING A SIAMESE CONVOLUTIONAL NEURAL NETWORK. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-3, 11-18.	0.0	1
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