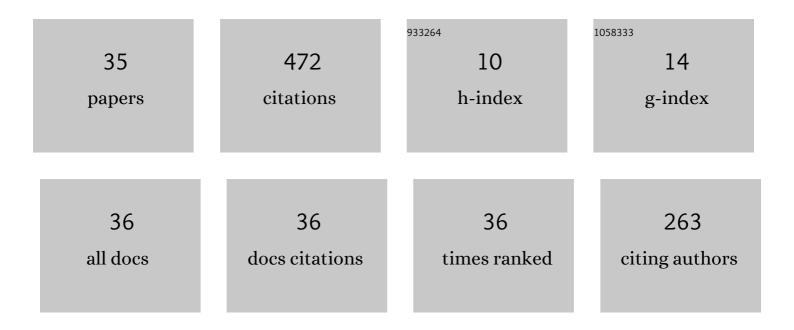
Zhigang Zhu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10746838/publications.pdf Version: 2024-02-01



<u> 7нісаліс 7ніі</u>

#	Article	IF	CITATIONS
1	Video Mosaicing. , 2021, , 1323-1328.		Ο
2	Video Mosaicing. , 2020, , 1-8.		0
3	Video Mosaicing. , 2020, , 1-6.		Ο
4	Persistent Aerial Video Registration and Fast Multi-View Mosaicing. IEEE Transactions on Image Processing, 2014, 23, 2184-2192.	6.0	18
5	Video Mosaicing. , 2014, , 842-847.		0
6	A multimodal temporal panorama approach for moving vehicle detection, reconstruction and classification. Computer Vision and Image Understanding, 2013, 117, 1724-1735.	3.0	11
7	Multimodal and Multi-task Audio-Visual Vehicle Detection and Classification. , 2012, , .		10
8	Multimodal Temporal Panorama for Moving Vehicle Detection and Reconstruction. , 2011, , .		4
9	A Layered Approach for Fast Multi-view Stereo Panorama Generation. , 2011, , .		3
10	Gamma/X-ray linear pushbroom stereo for 3D cargo inspection. Machine Vision and Applications, 2010, 21, 413-425.	1.7	9
11	Multimodal 3D panoramic imaging using a precise rotating platform. , 2010, , .		2
12	Automatic Object Classification through Semantic Analysis. , 2008, , .		2
13	Mobile Sensors for Security and Surveillance. Journal of Applied Security Research, 2008, 4, 79-100.	0.8	1
14	Stereo Matching and 3D Visualization for Gamma-Ray Cargo Inspection. , 2007, , .		3
15	Mosaic-based 3D scene representation and rendering. Signal Processing: Image Communication, 2006, 21, 739-754.	1.8	10
16	Fast construction of dynamic and multi-resolution 360° panoramas from video sequences. Image and Vision Computing, 2006, 24, 13-26.	2.7	24
17	Dynamic 3D Urban Scene Modeling Using Multiple Pushbroom Mosaics. , 2006, , .		8
18	An efficient method for geo-referenced video mosaicing for environmental monitoring. Machine Vision and Applications, 2005, 16, 203-216.	1.7	42

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#	Article	IF	CITATIONS
19	LAMP: 3D layered, adaptive-resolution, and multi-perspective panorama—a new scene representation. Computer Vision and Image Understanding, 2004, 96, 294-326.	3.0	18
20	Generalized parallel-perspective stereo mosaics from airborne video. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 226-237.	9.7	82
21	Generation and Error Characterization of Pararell-Perspective Stereo Mosaics from Real Video. The Kluwer International Series in Video Computing, 2003, , 72-105.	0.7	6
22	VISATRAM: a real-time vision system for automatic traffic monitoring. Image and Vision Computing, 2000, 18, 781-794.	2.7	85
23	A stable vision system for moving vehicles. IEEE Transactions on Intelligent Transportation Systems, 2000, 1, 32-39.	4.7	62
24	Range information propagation transform. Journal of Computer Science and Technology, 1998, 13, 438-447.	0.9	0
25	Fast road classification and orientation estimation using omni-view images and neural networks. IEEE Transactions on Image Processing, 1998, 7, 1182-1197.	6.0	22
26	Neural networks for omni-view road image understanding. Journal of Computer Science and Technology, 1996, 11, 570-580.	0.9	2
27	Better road following by integrating omni-view images and neural nets. , 0, , .		1
28	Qualitative estimations of range and motion using spatio-temporal textural images. , 0, , .		2
29	A real-time vision system for automatic traffic monitoring based on 2D spatio-temporal images. , 0, , .		13
30	Combining rotation-invariance images and neural networks for road scene understanding. , 0, , .		5
31	A stereo matching algorithm based on shape similarity for indoor environment model building. , 0, , .		0
32	Constructing 3D natural scene from video sequences with vibrated motions. , 0, , .		6
33	Fast generation of dynamic and multi-resolution 360 \hat{A}^{o} panorama from video sequences. , 0, , .		18
34	Automating the construction of dynamic and multi-resolution 360° panorama for natural scenes with moving objects. , 0, , .		0
35	3D LAMP: a new layered panoramic representation. , 0, , .		2