

Zhigang Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10746838/publications.pdf>

Version: 2024-02-01

35
papers

472
citations

933264

10
h-index

1058333

14
g-index

36
all docs

36
docs citations

36
times ranked

263
citing authors

#	ARTICLE	IF	CITATIONS
1	VISATRAM: a real-time vision system for automatic traffic monitoring. Image and Vision Computing, 2000, 18, 781-794.	2.7	85
2	Generalized parallel-perspective stereo mosaics from airborne video. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 226-237.	9.7	82
3	A stable vision system for moving vehicles. IEEE Transactions on Intelligent Transportation Systems, 2000, 1, 32-39.	4.7	62
4	An efficient method for geo-referenced video mosaicing for environmental monitoring. Machine Vision and Applications, 2005, 16, 203-216.	1.7	42
5	Fast construction of dynamic and multi-resolution 360° panoramas from video sequences. Image and Vision Computing, 2006, 24, 13-26.	2.7	24
6	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
7	Fast generation of dynamic and multi-resolution 360° panorama from video sequences. , 0, , .		18
8	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
9	Persistent Aerial Video Registration and Fast Multi-View Mosaicing. IEEE Transactions on Image Processing, 2014, 23, 2184-2192.	6.0	18
10	A real-time vision system for automatic traffic monitoring based on 2D spatio-temporal images. , 0, , .		13
11	A multimodal temporal panorama approach for moving vehicle detection, reconstruction and classification. Computer Vision and Image Understanding, 2013, 117, 1724-1735.	3.0	11
12	Mosaic-based 3D scene representation and rendering. Signal Processing: Image Communication, 2006, 21, 739-754.	1.8	10
13	Multimodal and Multi-task Audio-Visual Vehicle Detection and Classification. , 2012, , .		10
14	Gamma/X-ray linear pushbroom stereo for 3D cargo inspection. Machine Vision and Applications, 2010, 21, 413-425.	1.7	9
15	Dynamic 3D Urban Scene Modeling Using Multiple Pushbroom Mosaics. , 2006, , .		8
16	Constructing 3D natural scene from video sequences with vibrated motions. , 0, , .		6
17	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
18	Combining rotation-invariance images and neural networks for road scene understanding. , 0, , .		5

#	ARTICLE	IF	CITATIONS
19	Multimodal Temporal Panorama for Moving Vehicle Detection and Reconstruction. , 2011, , .		4
20	Stereo Matching and 3D Visualization for Gamma-Ray Cargo Inspection. , 2007, , .		3
21	A Layered Approach for Fast Multi-view Stereo Panorama Generation. , 2011, , .		3
22	Qualitative estimations of range and motion using spatio-temporal textural images. , 0, , .		2
23	Neural networks for omni-view road image understanding. Journal of Computer Science and Technology, 1996, 11, 570-580.	0.9	2
24	3D LAMP: a new layered panoramic representation. , 0, , .		2
25	Automatic Object Classification through Semantic Analysis. , 2008, , .		2
26	Multimodal 3D panoramic imaging using a precise rotating platform. , 2010, , .		2
27	Better road following by integrating omni-view images and neural nets. , 0, , .		1
28	Mobile Sensors for Security and Surveillance. Journal of Applied Security Research, 2008, 4, 79-100.	0.8	1
29	A stereo matching algorithm based on shape similarity for indoor environment model building. , 0, , .		0
30	Range information propagation transform. Journal of Computer Science and Technology, 1998, 13, 438-447.	0.9	0
31	Automating the construction of dynamic and multi-resolution 360° panorama for natural scenes with moving objects. , 0, , .		0
32	Video Mosaicing. , 2021, , 1323-1328.		0
33	Video Mosaicing. , 2014, , 842-847.		0
34	Video Mosaicing. , 2020, , 1-8.		0
35	Video Mosaicing. , 2020, , 1-6.		0