Zhengyou Zhang

List of Publications by Year
in descending order

27 papers	8,836 citations	687363 13 h-index	996975 15 g-index
28 all docs	28 docs citations	28 times ranked	6712 citing authors

#	Article	IF	Citations
1	Iterative point matching for registration of free-form curves and surfaces. International Journal of Computer Vision, 1994, 13, 119-152.	15.6	1,980
2	Microsoft Kinect Sensor and Its Effect. IEEE MultiMedia, 2012, 19, 4-10.	1.7	1,867
3	A robust technique for matching two uncalibrated images through the recovery of the unknown epipolar geometry. Artificial Intelligence, 1995, 78, 87-119.	5.8	1,047
4	Action recognition based on a bag of 3D points. , 2010, , .		944
5	Determining the Epipolar Geometry and its Uncertainty: A Review. , 1998, 27, 161-195.		804
6	Parameter estimation techniques: a tutorial with application to conic fitting. Image and Vision Computing, 1997, 15, 59-76.	4.5	691
7	Camera calibration with one-dimensional objects. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 892-899.	13.9	490
8	A survey on face detection in the wild: Past, present and future. Computer Vision and Image Understanding, 2015, 138, 1-24.	4.7	324
9	Three-dimensional motion computation and object segmentation in a long sequence of stereo frames. International Journal of Computer Vision, 1992, 7, 211-241.	15.6	117
10	Face Relighting from a Single Image under Arbitrary Unknown Lighting Conditions. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 1968-1984.	13.9	102
11	Tensor-Based Human Body Modeling. , 2013, , .		65
12	Determining motion from 3D line segment matches: a comparative study. Image and Vision Computing, 1991, 9, 10-19.	4.5	56
13	Whiteboard scanning and image enhancement. , 2007, 17, 414-432.		50
14	Camera Calibration With Three Noncollinear Points Under Special Motions. IEEE Transactions on Image Processing, 2008, 17, 2393-2402.	9.8	34
15	Joint Hand-Object 3D Reconstruction From a Single Image With Cross-Branch Feature Fusion. IEEE Transactions on Image Processing, 2021, 30, 4008-4021.	9.8	28
16	A stereovision system for a planetary rover: calibration, correlation, registration, and fusion. Machine Vision and Applications, 1997, 10, 27-34.	2.7	24
17	Image-based geometrically-correct photorealistic scene/object modeling (IBPhM): A review. Lecture Notes in Computer Science, 1997, , 340-349.	1.3	16
18	Taylor expansion based classifier adaptation: Application to person detection. , 2008, , .		12

#	Article	IF	Citations
19	Iterative Closest Point (ICP). , 2014, , 433-434.		12
20	Note-taking with a camera: whiteboard scanning and image enhancement. , 0, , .		9
21	Virtual View Reconstruction Using Temporal Information. , 2012, , .		2
22	Motion of a stereo rig: Strong, weak and self calibration. Lecture Notes in Computer Science, 1996, , 241-253.	1.3	2
23	Iterative Closest Point (ICP). , 2021, , 718-720.		1
24	Geometric Calibration. , 2021, , 520-526.		0
25	Calibration of Projective Cameras. , 2021, , 126-128.		0
26	Calibration of Projective Cameras. , 2014, , 73-74.		0
27	Geometric Calibration. , 2014, , 333-338.		0