Jiaqi Yang

List of Publications by Year
in descending order

23 papers	719 citations	758635 12 h-index	794141 19 g-index
23 all docs	23 docs citations	23 times ranked	386 citing authors

#	Article	IF	Citations
1	A fast and robust local descriptor for 3D point cloud registration. Information Sciences, 2016, 346-347, 163-179.	4.0	160
2	TOLDI: An effective and robust approach for 3D local shape description. Pattern Recognition, 2017, 65, 175-187.	5.1	102
3	NM-Net: Mining Reliable Neighbors for Robust Feature Correspondences. , 2019, , .		73
4	Compatibility-Guided Sampling Consensus for 3-D Point Cloud Registration. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 7380-7392.	2.7	53
5	Toward the Repeatability and Robustness of the Local Reference Frame for 3D Shape Matching: An Evaluation. IEEE Transactions on Image Processing, 2018, 27, 3766-3781.	6.0	49
6	Rotational contour signatures for both real-valued and binary feature representations of 3D local shape. Computer Vision and Image Understanding, 2017, 160, 133-147.	3.0	35
7	Multi-attribute statistics histograms for accurate and robust pairwise registration of range images. Neurocomputing, 2017, 251, 54-67.	3.5	35
8	A Performance Evaluation of Correspondence Grouping Methods for 3D Rigid Data Matching. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 1859-1874.	9.7	30
9	Aligning 2.5D Scene Fragments With Distinctive Local Geometric Features and Voting-Based Correspondences. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 714-729.	5.6	29
10	Ranking 3D feature correspondences via consistency voting. Pattern Recognition Letters, 2019, 117, 1-8.	2.6	25
11	The effect of spatial information characterization on 3D local feature descriptors: A quantitative evaluation. Pattern Recognition, 2017, 66, 375-391.	5.1	24
12	Evaluating Local Geometric Feature Representations for 3D Rigid Data Matching. IEEE Transactions on Image Processing, 2020, 29, 2522-2535.	6.0	22
13	Image Feature Correspondence Selection: A Comparative Study and a New Contribution. IEEE Transactions on Image Processing, 2020, 29, 3506-3519.	6.0	14
14	Performance Evaluation of 3D Correspondence Grouping Algorithms. , 2017, , .		12
15	Toward Efficient and Robust Metrics for RANSAC Hypotheses and 3D Rigid Registration. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 893-906.	5.6	12
16	LRF-Net: Learning Local Reference Frames for 3D Local Shape Description and Matching. Sensors, 2020, 20, 5086.	2.1	8
17	SAC-COT: Sample Consensus by Sampling Compatibility Triangles in Graphs for 3-D Point Cloud Registration. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	2.7	8
18	Rotational contour signatures for robust local surface description. , 2016, , .		7

#	Article	IF	Citations
19	RANSACs for 3D Rigid Registration: A Comparative Evaluation. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1861-1878.	8.5	7
20	Correspondence Selection With Looseâ€“Tight Geometric Voting for 3-D Point Cloud Registration. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	2.7	6
21	VOID: 3D object recognition based on voxelization in invariant distance space. Visual Computer, 2023, 39, 3073-3089.	2.5	5
22	3D Correspondence Grouping with Compatibility Features. Lecture Notes in Computer Science, 2021, , 66-78.	1.0	3
23	A Survey of Stochastic Computing in Energy-Efficient DNNs On-Edge. , 2021, , .		0