

# Jihua Zhu

## List of Publications by Year in descending order

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papers

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567281

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Frame-Wise Cross-Modal Matching for Video Moment Retrieval. IEEE Transactions on Multimedia, 2022, 24, 1338-1349.	7.2	21
2	Multi-Level Query Interaction for Temporal Language Grounding. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 25479-25488.	8.0	6
3	Caption Generation From Road Images for Traffic Scene Modeling. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7805-7816.	8.0	5
4	Generalized Label Enhancement with Sample Correlations. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	5.7	15
5	Scaled gated networks. World Wide Web, 2022, 25, 1583-1606.	4.0	1
6	Collaborative Unsupervised Multi-View Representation Learning. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 4202-4210.	8.3	10
7	Joint Reason Generation and Rating Prediction for Explainable Recommendation. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	5.7	3
8	What You Like, What I Am: Online Dating Recommendation via Matching Individual Preferences with Features. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	5.7	3
9	Multi-view Subspace Clustering with View Correlations via low-rank tensor learning. Computers and Electrical Engineering, 2022, 100, 107939.	4.8	0
10	Point set registration via rigid transformation consensus. Computers and Electrical Engineering, 2022, 101, 108098.	4.8	0
11	Effective multiview registration of point clouds based on Student's-t mixture model. Information Sciences, 2022, 608, 137-152.	6.9	3
12	Estimating Reference Shape Model for Personalized Surgical Reconstruction of Craniomaxillofacial Defects. IEEE Transactions on Biomedical Engineering, 2021, 68, 362-373.	4.2	10
13	Multitask TSK Fuzzy System Modeling by Jointly Reducing Rules and Consequent Parameters. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4078-4090.	9.3	10
14	Bidirectional loss function for Label Enhancement and distribution learning. Knowledge-Based Systems, 2021, 213, 106690.	7.1	8
15	Learning Fine-Grained Semantics in Spoken Language Using Visual Grounding. , 2021, , .		3
16	Show and Speak: Directly Synthesize Spoken Description of Images. , 2021, , .		2
17	Merging Grid Maps in Diverse Resolutions by the Context-based Descriptor. ACM Transactions on Internet Technology, 2021, 21, 1-21.	4.4	2
18	Multi-view subspace clustering networks with local and global graph information. Neurocomputing, 2021, 449, 15-23.	5.9	23

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19	Unified framework for learning with label distribution. Information Fusion, 2021, 75, 116-130.	19.1	9
20	Generating Images From Spoken Descriptions. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 850-865.	5.8	13
21	Synthesizing Spoken Descriptions of Images. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, 29, 3242-3254.	5.8	2
22	Robust Motion Averaging under Maximum Correntropy Criterion. , 2021, , .		4
23	Deep-Sea Organisms Tracking Using Dehazing and Deep Learning. Mobile Networks and Applications, 2020, 25, 1008-1015.	3.3	33
24	Unsupervised semantic-based convolutional features aggregation for image retrieval. Multimedia Tools and Applications, 2020, 79, 14465-14489.	3.9	0
25	Simultaneously merging multi-robot grid maps at different resolutions. Multimedia Tools and Applications, 2020, 79, 14553-14572.	3.9	10
26	Blind Image Deblurring Based on Local Rank. Mobile Networks and Applications, 2020, 25, 1446-1456.	3.3	3
27	Skeleton Filter: A Self-Symmetric Filter for Skeletonization in Noisy Text Images. IEEE Transactions on Image Processing, 2020, 29, 1815-1826.	9.8	11
28	3D mapping of outdoor environments by scan matching and motion averaging. Neurocomputing, 2020, 372, 17-32.	5.9	14
29	Feature concatenation multi-view subspace clustering. Neurocomputing, 2020, 379, 89-102.	5.9	80
30	Adaptive weighted motion averaging with low-rank sparse for robust multi-view registration. Neurocomputing, 2020, 413, 230-239.	5.9	3
31	Self-Weighting and Hypergraph Regularization for Multi-view Spectral Clustering. IEEE Signal Processing Letters, 2020, 27, 1325-1329.	3.6	9
32	Registration of Multi-View Point Sets Under the Perspective of Expectation-Maximization. IEEE Transactions on Image Processing, 2020, 29, 9176-9189.	9.8	10
33	Label Enhancement with Sample Correlations via Low-Rank Representation. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 5932-5939.	4.9	16
34	Image denoising via structure-constrained low-rank approximation. Neural Computing and Applications, 2020, 32, 12575-12590.	5.6	13
35	Constrained bilinear factorization multi-view subspace clustering. Knowledge-Based Systems, 2020, 194, 105514.	7.1	21
36	Personalized product search based on user transaction history and hypergraph learning. Multimedia Tools and Applications, 2020, 79, 22157-22175.	3.9	8

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37	Co-weighting semantic convolutional features for object retrieval. <i>Journal of Visual Communication and Image Representation</i> , 2019, 62, 368-380.	2.8	9
38	Multi-view registration based on weighted LRS matrix decomposition of motions. <i>IET Computer Vision</i> , 2019, 13, 376-384.	2.0	6
39	Weakly supervised label distribution learning based on transductive matrix completion with sample correlations. <i>Pattern Recognition Letters</i> , 2019, 125, 453-462.	4.2	14
40	Efficient registration of multi-view point sets by K-means clustering. <i>Information Sciences</i> , 2019, 488, 205-218.	6.9	56
41	Multi-view spectral clustering via partial sum minimisation of singular values. <i>Electronics Letters</i> , 2019, 55, 314-316.	1.0	12
42	A Multi-model Ensemble Method Using CNN and Maximum Correntropy Criterion for Basal Cell Carcinoma and Seborrheic Keratoses Classification. , 2019, , .		2
43	Robust point cloud registration based on both hard and soft assignments. <i>Optics and Laser Technology</i> , 2019, 110, 202-208.	4.6	10
44	Simultaneous Merging Multiple Grid Maps Using the Robust Motion Averaging. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2019, 94, 655-668.	3.4	16
45	Unifying Sum and Weighted Aggregations for Efficient Yet Effective Image Representation Computation. <i>IEEE Transactions on Image Processing</i> , 2019, 28, 841-852.	9.8	3
46	Estimating Reference Bony Shape Model for Personalized Surgical Reconstruction of Posttraumatic Facial Defects. <i>Lecture Notes in Computer Science</i> , 2019, 11768, 327-335.	1.3	5
47	Effective scaling registration approach by imposing emphasis on scale factor. <i>Electronics Letters</i> , 2018, 54, 422-424.	1.0	7
48	Weighted motion averaging for the registration of multi-view range scans. <i>Multimedia Tools and Applications</i> , 2018, 77, 10651-10668.	3.9	12
49	A Novel Takagi-Sugeno Fuzzy System Modeling Method with Joint Feature Selection and Rule Reduction. , 2018, , .		2
50	Road Scene Simulation Based on Vehicle Sensors: An Intelligent Framework Using Random Walk Detection and Scene Stage Reconstruction. <i>Sensors</i> , 2018, 18, 3782.	3.8	1
51	Multi-view registration of unordered range scans by fast correspondence propagation of multi-scale descriptors. <i>PLoS ONE</i> , 2018, 13, e0203139.	2.5	4
52	Adaptive Co-Weighting Deep Convolutional Features for Object Retrieval. , 2018, , .		3
53	Building discriminative CNN image representations for object retrieval using the replicator equation. <i>Pattern Recognition</i> , 2018, 83, 150-160.	8.1	29
54	Listwise approach based on the cross-correntropy for learning to rank. <i>Electronics Letters</i> , 2018, 54, 878-880.	1.0	2

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55	TWO NEW LOWER BOUNDS FOR THE SPARK OF A MATRIX. Bulletin of the Australian Mathematical Society, 2017, 96, 353-360.	0.5	0
56	Robust non-rigid point set registration via building tree dynamically. Multimedia Tools and Applications, 2017, 76, 12065-12081.	3.9	4
57	Local to global registration of multi-view range scans using spanning tree. Computers and Electrical Engineering, 2017, 58, 477-488.	4.8	13
58	Merging grid maps of different resolutions by scaling registration. Robotica, 2016, 34, 2516-2531.	1.9	14
59	New iterative closest point algorithm for isotropic scaling registration of point sets with noise. Journal of Visual Communication and Image Representation, 2016, 38, 207-216.	2.8	25
60	Registration of Point Clouds Based on the Ratio of Bidirectional Distances. , 2016, , .		5
61	Automatic multi-view registration of unordered range scans without feature extraction. Neurocomputing, 2016, 171, 1444-1453.	5.9	17
62	Efficient Sampling-Based Motion Planning for On-Road Autonomous Driving. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 1961-1976.	8.0	139
63	Probability iterative closest point algorithm for m-D point set registration with noise. Neurocomputing, 2015, 157, 187-198.	5.9	82
64	Probability iterative closest point algorithm for position estimation. , 2014, , .		3
65	Surface reconstruction via efficient and accurate registration of multiview range scans. Optical Engineering, 2014, 53, 102104.	1.0	24
66	Robust registration of partially overlapping point sets via genetic algorithm with growth operator. IET Image Processing, 2014, 8, 582-590.	2.5	27
67	A fast RRT algorithm for motion planning of autonomous road vehicles. , 2014, , .		24
68	A New Fast Minimum Spanning Tree-Based Clustering Technique. , 2014, , .		5
69	Efficient scaling registration algorithm for partially overlapping point sets. Electronics Letters, 2013, 49, 1267-1268.	1.0	4
70	MERGING GRID MAPS VIA POINT SET REGISTRATION. International Journal of Robotics and Automation, 2013, 28, .	0.1	3
71	An Improved Technique for Robot Global Localization in Indoor Environments. International Journal of Advanced Robotic Systems, 2011, 8, 7.	2.1	17
72	Unscented SLAM with conditional iterations. , 2009, , .		3

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73	S2IGAN: Speech-to-Image Generation via Adversarial Learning. , 0, , .		8