

# Chengcui Zhang

## List of Publications by Year in descending order

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71  
papers

1,324  
citations

840776

11  
h-index

940533

16  
g-index

71  
all docs

71  
docs citations

71  
times ranked

1280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic Game in Linear Quadratic Gaussian Control for Wireless Networked Control Systems Under DoS Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 902-910.	9.3	14
2	Development of Natural Language Processing Algorithm for Dental Charting. SN Computer Science, 2021, 2, 1.	3.6	4
3	Deep neural network analyses of spirometry for structural phenotyping of chronic obstructive pulmonary disease. JCI Insight, 2020, 5, .	5.0	23
4	Toward situation awareness: a survey on adaptive learning for model-free tracking. Multimedia Tools and Applications, 2017, 76, 21073-21115.	3.9	7
5	Towards Extracting Coherent User Concerns and Their Hierarchical Organization from User Reviews. , 2016, , .		2
6	Collective intelligence of temporal statistics for segmenting sustained infant feeding behaviors in Videos. , 2016, , .		1
7	Multi-view Clustering in Collaborative Filtering Based Rating Prediction. , 2016, , .		3
8	A Multi-topic Meta-classification Scheme for Analyzing Lobbying Disclosure Data. , 2015, , .		1
9	An Automated Image Analysis Framework for Thermal Barrier Coating Porosity Measurement. , 2015, , .		5
10	Automatic Construction of 3-D Building Model From Airborne LIDAR Data Through 2-D Snake Algorithm. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 3-14.	6.3	37
11	A Survey of Visual Traffic Surveillance Using Spatio-Temporal Analysis and Mining. , 2015, , 1044-1063.		0
12	An FAR-SW based approach for webpage information extraction. Information Systems Frontiers, 2014, 16, 771-785.	6.4	10
13	A Multi-pass Generation of DEM for Urban Planning. , 2013, , .		2
14	A Survey of Visual Traffic Surveillance Using Spatio-Temporal Analysis and Mining. International Journal of Multimedia Data Engineering and Management, 2013, 4, 42-60.	0.4	2
15	Segmentation Tree Based Multiple Object Image Retrieval. , 2012, , .		8
16	Efficient place recognition with canonical views. , 2011, , .		3
17	A Variable Bin Width Histogram Based Image Clustering Algorithm. , 2010, , .		4
18	A supervised machine learning approach of extracting coexpression relationship among genes from literature. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
19	Extraction of coexpression relationship among genes from biomedical text using dynamic conditional random fields. , 2009, , .		0
20	Vehicle tracking from disparate views. , 2009, , .		2
21	Semantic retrieval of events from indoor surveillance video databases. Pattern Recognition Letters, 2009, 30, 1067-1076.	4.2	7
22	A Human-Centered Multiple Instance Learning Framework for Semantic Video Retrieval. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2009, 39, 228-233.	2.9	37
23	An Image Clustering and Retrieval Framework Using Feedback-Based Integrated Region Matching. , 2009, , .		2
24	A Data Mining Method to Extract and Rank Papers Describing Coexpression Predicates Semantically. , 2009, , .		0
25	Classifying Fruit Fly Early Embryonic Developmental Stage Based on Embryo In situ Hybridization Images. , 2009, , .		4
26	Semantic Event Retrieval from Surveillance Video Databases. , 2008, , .		3
27	An unsupervised protein sequences clustering algorithm using functional domain information. , 2008, , .		1
28	Bacteria Colony Enumeration and Classification for Clonogenic Assay. , 2008, , .		6
29	A Graph Reduction Method for 2D Snake Problems. , 2007, , .		5
30	A Multiple Instance Learning Framework for Incident Retrieval in Transportation Surveillance Video Databases. , 2007, , .		7
31	MIA: A UIMA-Based Microarray Image Analysis System. , 2007, , .		0
32	An Online Multiple Instance Learning System for Semantic Image Retrieval. , 2007, , .		3
33	Biological Sequence Clustering and Classification with a Hybrid Method and Dynamic Programming. , 2007, , .		0
34	A Multi-camera Approach to Vehicle Tracking Based on Features. , 2007, , .		4
35	An Automatic and Robust Method for Microarray Image Analysis and the Related Information Retrieval for Microarray Databases. , 2007, , .		1
36	Incident Retrieval in Transportation Surveillance Videos - An Interactive Framework. , 2007, , .		3

#	ARTICLE	IF	CITATIONS
37	Detection of Leukocytes from In vivo Videos. , 2007, , .		1
38	An Effective and Robust Method for Automatic Bacterial Colony Enumeration. , 2007, , .		9
39	MIA: An Effective and Robust Microarray Image Analysis System with Unstructured Information Management Architecture. , 2007, , .		0
40	An Effective and Robust Method for Automatic Bacterial Colony Enumeration. , 2007, , .		1
41	A Multi-camera Approach to Vehicle Tracking Based on Features. , 2007, , .		0
42	An Online Multiple Instance Learning System for Semantic Image Retrieval. , 2007, , .		0
43	MIA: A UIMA-Based Microarray Image Analysis System. , 2007, , .		0
44	An Interactive Semantic Video Mining and Retrieval Platform--Application in Transportation Surveillance Video for Incident Detection. IEEE International Conference on Data Mining, 2006, , .	0.0	23
45	Vehicle Classification from Traffic Surveillance Videos at a Finer Granularity. Lecture Notes in Computer Science, 2006, , 772-781.	1.3	11
46	A PCA-Based Vehicle Classification Framework. , 2006, , .		21
47	A Robust Method for Biological Sequence Clustering. , 2006, , .		1
48	Automatic Intravital Video Mining of Rolling and Adhering Leukocytes. , 2006, , .		0
49	An Interactive Region-Based Image Clustering and Retrieval Platform. , 2006, , .		5
50	An Automated Gridding and Segmentation Method for cDNA Microarray Image Analysis. , 2006, , .		14
51	Spatiotemporal vehicle tracking - The use of unsupervised learning-based segmentation and object tracking spatiotemporal vehicle tracking. IEEE Robotics and Automation Magazine, 2005, 12, 50-58.	2.0	11
52	A Web-based distributed system for hurricane occurrence projection. Software - Practice and Experience, 2004, 34, 549-571.	3.6	19
53	A progressive morphological filter for removing nonground measurements from airborne LIDAR data. IEEE Transactions on Geoscience and Remote Sensing, 2003, 41, 872-882.	6.3	732
54	Learning-based spatio-temporal vehicle tracking and indexing for transportation multimedia database systems. IEEE Transactions on Intelligent Transportation Systems, 2003, 4, 154-167.	8.0	57

#	ARTICLE	IF	CITATIONS
55	A Multimedia Data Mining Framework: Mining Information from Traffic Video Sequences. Journal of Intelligent Information Systems, 2002, 19, 61-77.	3.9	6
56	IDENTIFYING OVERLAPPED OBJECTS FOR VIDEO INDEXING AND MODELING IN MULTIMEDIA DATABASE SYSTEMS. International Journal on Artificial Intelligence Tools, 2001, 10, 715-734.	1.0	42
57	Object tracking and multimedia augmented transition network for video indexing and modeling. , 0, , .		8
58	An unsupervised segmentation framework for texture image queries. , 0, , .		5
59	An intelligent framework for spatio-temporal vehicle tracking. , 0, , .		12
60	Scene change detection by audio and video clues. , 0, , .		18
61	A multimedia semantic model for RTSP-based multimedia presentation systems. , 0, , .		3
62	PixSO: a system for video shot detection. , 0, , .		3
63	Component-based design and integration of a distributed multimedia management system. , 0, , .		2
64	Damage pattern mining in hurricane image databases. , 0, , .		2
65	Information reuse and system integration in the development of a hurricane simulation system. , 0, , .		2
66	Adaptive background learning for vehicle detection and spatio temporal tracking. , 0, , .		15
67	A decision tree-based multimodal data mining framework for soccer goal detection. , 0, , .		33
68	Multiple object retrieval for image databases using multiple instance learning and relevance feedback. , 0, , .		5
69	A reliable web-based system for hurricane analysis and simulation. , 0, , .		3
70	A Latent Semantic Indexing Based Method for Solving Multiple Instance Learning Problem in Region-Based Image Retrieval. , 0, , .		29
71	A Multiple Instance Learning Approach for Content Based Image Retrieval Using One-Class Support Vector Machine. , 0, , .		19