

Zhongfei Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11542895/publications.pdf>

Version: 2024-02-01

86
papers

3,026
citations

361413

20
h-index

223800

46
g-index

86
all docs

86
docs citations

86
times ranked

2889
citing authors

#	ARTICLE	IF	CITATIONS
1	A survey of appearance models in visual object tracking. ACM Transactions on Intelligent Systems and Technology, 2013, 4, 1-48.	4.5	505
2	A Survey of Multi-View Representation Learning. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 1863-1883.	5.7	295
3	Deep Air Learning: Interpolation, Prediction, and Feature Analysis of Fine-Grained Air Quality. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 2285-2297.	5.7	192
4	Spectral clustering for multi-type relational data. , 2006, , .		180
5	Incremental Tensor Subspace Learning and Its Applications to Foreground Segmentation and Tracking. International Journal of Computer Vision, 2011, 91, 303-327.	15.6	176
6	Spatio-Temporal Graph Routing for Skeleton-Based Action Recognition. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 8561-8568.	4.9	167
7	Co-clustering by block value decomposition. , 2005, , .		124
8	Unsupervised learning on k-partite graphs. , 2006, , .		107
9	Body Structure Aware Deep Crowd Counting. IEEE Transactions on Image Processing, 2018, 27, 1049-1059.	9.8	99
10	Weakly Semi-Supervised Deep Learning for Multi-Label Image Annotation. IEEE Transactions on Big Data, 2015, 1, 109-122.	6.1	93
11	Intelligent Indexing and Semantic Retrieval of Multimodal Documents. Information Retrieval, 2000, 2, 245-275.	2.0	90
12	Robust Visual Tracking Based on Incremental Tensor Subspace Learning. , 2007, , .		86
13	Episode-Based Prototype Generating Network for Zero-Shot Learning. , 2020, , .		86
14	Effective Image Retrieval Based on Hidden Concept Discovery in Image Database. IEEE Transactions on Image Processing, 2007, 16, 562-572.	9.8	56
15	Deep Learning Driven Visual Path Prediction From a Single Image. IEEE Transactions on Image Processing, 2016, 25, 5892-5904.	9.8	48
16	Heat Kernel Based Local Binary Pattern for Face Representation. IEEE Signal Processing Letters, 2010, 17, 308-311.	3.6	43
17	Visual tracking via incremental Log-Euclidean Riemannian subspace learning. , 2008, , .		42
18	A probabilistic semantic model for image annotation and multimodal image retrieval. , 2005, , .		40

#	ARTICLE	IF	CITATIONS
19	Obstacle detection based on qualitative and quantitative 3D reconstruction. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1997, 19, 15-26.	13.9	31
20	A probabilistic semantic model for image annotation and multi-modal image retrieval. Multimedia Systems, 2006, 12, 27-33.	4.7	30
21	Evolutionary Clustering by Hierarchical Dirichlet Process with Hidden Markov State. , 2008, , .		27
22	BALAS: Empirical Bayesian learning in the relevance feedback for image retrieval. Image and Vision Computing, 2006, 24, 211-223.	4.5	26
23	META-DDIE: predicting drug-drug interaction events with few-shot learning. Briefings in Bioinformatics, 2022, 23, .	6.5	26
24	Dirichlet Process Based Evolutionary Clustering. , 2008, , .		23
25	The heterogeneous feature selection with structural sparsity for multimedia annotation and hashing: a survey. International Journal of Multimedia Information Retrieval, 2012, 1, 3-15.	5.2	21
26	Multitask Non-Autoregressive Model for Human Motion Prediction. IEEE Transactions on Image Processing, 2021, 30, 2562-2574.	9.8	21
27	A clustering based approach to efficient image retrieval. , 0, , .		20
28	LSTM-in-LSTM for generating long descriptions of images. Computational Visual Media, 2016, 2, 379-388.	17.5	20
29	Online Metric-Weighted Linear Representations for Robust Visual Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 931-950.	13.9	20
30	A Holistic, In-Compression Approach to Video Segmentation for Independent Motion Detection. Eurasip Journal on Advances in Signal Processing, 2008, 2008, 1-10.	1.7	20
31	Addressing CBIR efficiency, effectiveness, and retrieval subjectivity simultaneously. , 2003, , .		19
32	Community Learning by Graph Approximation. , 2007, , .		19
33	Celeb-500K: A Large Training Dataset for Face Recognition. , 2018, , .		18
34	A general framework for relation graph clustering. Knowledge and Information Systems, 2010, 24, 393-413.	3.2	16
35	A Regularized Approach for Geodesic-Based Semisupervised Multimanifold Learning. IEEE Transactions on Image Processing, 2014, 23, 2133-2147.	9.8	14
36	Bag-of-Discriminative-Words (BoDW) Representation via Topic Modeling. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 977-990.	5.7	11

#	ARTICLE	IF	CITATIONS
37	Stacked Pooling for Boosting Scale Invariance of Crowd Counting. , 2020, , .		11
38	Systematic static shadow detection. , 2004, , .		10
39	Enhanced max margin learning on multimodal data mining in a multimedia database. , 2007, , .		10
40	Multimedia Retrieval via Deep Learning to Rank. IEEE Signal Processing Letters, 2015, 22, 1487-1491.	3.6	10
41	Local-Global Memory Neural Network for Medication Prediction. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1723-1736.	11.3	10
42	Semi-Supervised Learning Based Object Detection in Aerial Imagery. , 0, , .		9
43	Simultaneously Combining Multi-view Multi-label Learning with Maximum Margin Classification. , 2012, , .		9
44	A Max Margin Framework on Image Annotation and Multimodal Image Retrieval. , 2007, , .		8
45	Geodesic Based Semi-supervised Multi-manifold Feature Extraction. , 2012, , .		8
46	Probabilistic Word Selection via Topic Modeling. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 1643-1655.	5.7	8
47	Stretching Bayesian Learning in the Relevance Feedback of Image Retrieval. Lecture Notes in Computer Science, 2004, , 355-367.	1.3	8
48	Robust Visual Tracking Based on an Effective Appearance Model. Lecture Notes in Computer Science, 2008, , 396-408.	1.3	8
49	Visual servoing control of autonomous robot calibration and navigation. Journal of Field Robotics, 1999, 16, 313-328.	0.7	6
50	Knowledge Discovery from Citation Networks. , 2009, , .		6
51	Joint Structural Learning to Rank with Deep Linear Feature Learning. IEEE Transactions on Knowledge and Data Engineering, 2015, 27, 2756-2769.	5.7	6
52	Zero-shot classification with unseen prototype learning. Neural Computing and Applications, 2023, 35, 12307-12317.	5.6	6
53	Multimedia Data Mining. , 2009, , 1081-1109.		6
54	Mining surveillance video for independent motion detection. , 0, , .		5

#	ARTICLE	IF	CITATIONS
55	Medical data on demand with WebMIA. IEEE Engineering in Medicine and Biology Magazine, 2005, 24, 117-122.	0.8	5
56	KDD/MDM 2006. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2006, 8, 92-95.	4.0	5
57	Editorial: Introduction to the Special Issue on Multimedia Data Mining. IEEE Transactions on Multimedia, 2008, 10, 165-166.	7.2	5
58	Robust object tracking using a spatial pyramid heat kernel structural information representation. Neurocomputing, 2010, 73, 3179-3190.	5.9	5
59	Mining noisy tagging from multi-label space. , 2012, , .		5
60	Learning Bregman Distance Functions for Structural Learning to Rank. IEEE Transactions on Knowledge and Data Engineering, 2017, 29, 1916-1927.	5.7	5
61	Scalable Distributed Nonnegative Matrix Factorization with Block-Wise Updates. IEEE Transactions on Knowledge and Data Engineering, 2018, 30, 1136-1149.	5.7	5
62	Coordinating Experience Replay: A Harmonious Experience Retention approach for Continual Learning. Knowledge-Based Systems, 2021, 234, 107589.	7.1	5
63	Object detection in aerial imagery based on enhanced semi-supervised learning. , 2005, , .		4
64	Learning with limited and noisy tagging. , 2013, , .		4
65	Guest Editors' introduction to the special issue: machine learning approaches to multimedia information retrieval. Multimedia Systems, 2006, 12, 1-2.	4.7	3
66	Distributed cross-media multiple binary subspace learning. International Journal of Multimedia Information Retrieval, 2015, 4, 153-164.	5.2	3
67	Face detection and its applications in intelligent and focused image retrieval. , 0, , .		2
68	Automatic Medical Image Annotation and Retrieval Using SECC. , 2006, , .		2
69	Structure-Aware Slow Feature Analysis for Age Estimation. IEEE Signal Processing Letters, 2016, 23, 1702-1706.	3.6	2
70	Task-Oriented High-Order Context Graph Networks for Few-Shot Human-Object Interaction Recognition. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5443-5455.	9.3	2
71	Hierarchical Correlations Replay for Continual Learning. Knowledge-Based Systems, 2022, 250, 109052.	7.1	2
72	Applications of image understanding in semantics-oriented multimedia information retrieval. , 0, , .		1

#	ARTICLE	IF	CITATIONS
73	KNOWLEDGE SUPERVISED PERCEPTUAL GROUPING BASED QUALITATIVE BUILDING DETECTION FROM MONOCULAR AERIAL IMAGES. International Journal on Artificial Intelligence Tools, 2003, 12, 57-79.	1.0	1
74	Local Outlier Detection Based on Kernel Regression. , 2010, , .		1
75	Distributed Binary Subspace Learning on large-scale cross media data. , 2014, , .		1
76	Scientific articles recommendation with topic regression and relational matrix factorization. Journal of Zhejiang University: Science C, 2014, 15, 984-998.	0.7	1
77	Editorial of the special issue on cross-media analysis. International Journal of Multimedia Information Retrieval, 2014, 3, 129-130.	5.2	1
78	Convex Approximation to the Integral Mixture Models Using Step Functions. , 2015, , .		1
79	Unsupervised Learning from Linked Documents. , 2010, , .		0
80	Societally connected multimedia across cultures. Journal of Zhejiang University: Science C, 2012, 13, 875-880.	0.7	0
81	Coordinate Ranking Regularized Non-negative Matrix Factorization. , 2013, , .		0
82	Cross Domain Shared Subspace Learning for Unsupervised Transfer Classification. , 2014, , .		0
83	A Multiple-Instance Learning Based Approach to Multimodal Data Mining. International Journal of Digital Library Systems, 2010, 1, 24-42.	0.1	0
84	A Holistic, In-Compression Approach to Mining Independent Motion Segments for Massive Surveillance Video Collections. Studies in Computational Intelligence, 2010, , 285-303.	0.9	0
85	A Multiple-Instance Learning Based Approach to Multimodal Data Mining. , 2012, , 124-142.		0
86	A Highly Scalable and Adaptable Co-Learning Framework on Multimodal Data Mining in a Multimedia Database. , 2013, , 567-586.		0