Zi H Huang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

165 papers	5,053 citations	33 h-index	67 g-index
188 ext. papers	6,231 ext. citations	3.9 avg, IF	6.13 L-index

#	Paper	IF	Citations
165	MRA-Net: Improving VQA Via Multi-Modal Relation Attention Network. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2022**, 44, 318-329	13.3	10
164	DeHIN: A Decentralized Framework for Embedding Large-scale Heterogeneous Information Networks. *IEEE Transactions on Knowledge and Data Engineering*, **2022**, 1-1	4.2	
163	Interpretable Signed Link Prediction with Signed Infomax Hyperbolic Graph. *IEEE Transactions on Knowledge and Data Engineering*, **2021**, 1-1	4.2	
162	Inductive Structure Consistent Hashing via Flexible Semantic Calibration. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 4514-4528	10.3	13
161	Attribute-aware explainable complementary clothing recommendation. *World Wide Web*, **2021**, 24, 1885	2.9	1
160	. *IEEE Transactions on Multimedia*, **2021**, 23, 1274-1286	6.6	7
159	Suicidal Ideation Detection: A Review of Machine Learning Methods and Applications. *IEEE Transactions on Computational Social Systems*, **2021**, 8, 214-226	4.5	23
158	On Both Cold-Start and Long-Tail Recommendation with Social Data. *IEEE Transactions on Knowledge and Data Engineering*, **2021**, 33, 194-208	4.2	12
157	Entropy-Based Uncertainty Calibration for Generalized Zero-Shot Learning. *Lecture Notes in Computer Science*, **2021**, 139-151	0.9	2
156	. *IEEE Transactions on Multimedia*, **2021**, 1-1	6.6	10
155	Modeling Daily Crime Events Prediction Using Seq2Seq Architecture. *Lecture Notes in Computer Science*, **2021**, 192-203	0.9	
154	High-order nonlocal Hashing for unsupervised cross-modal retrieval. *World Wide Web*, **2021**, 24, 563-583	2.9	3
153	Learning Elastic Embeddings for Customizing On-Device Recommenders **2021**,		4
152	Group Recommendation with Latent Voting Mechanism **2020**,		6
151	Flexible Discrete Multi-view Hashing with Collective Latent Feature Learning. *Neural Processing Letters*, **2020**, 52, 1765-1791	2.4	4
150	Learning from the Past: Continual Meta-Learning with Bayesian Graph Neural Networks. *Proceedings of the AAAI Conference on Artificial Intelligence*, **2020**, 34, 5021-5028	5	5
149	Exploiting Subspace Relation in Semantic Labels for Cross-Modal Hashing. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	53

148	Collaborative Learning for Extremely Low Bit Asymmetric Hashing. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	3
147	Next Point-of-Interest Recommendation on Resource-Constrained Mobile Devices **2020**,		16
146	Exploiting Cross-session Information for Session-based Recommendation with Graph Neural Networks. *ACM Transactions on Information Systems*, **2020**, 38, 1-23	4.8	27
145	Prototype-Matching Graph Network for Heterogeneous Domain Adaptation **2020**,		3
144	Rethinking Generative Zero-Shot Learning: An Ensemble Learning Perspective for Recognising Visual Patches **2020**,		4
143	Adversarial Bipartite Graph Learning for Video Domain Adaptation **2020**,		2
142	CRSAL. *ACM Transactions on Information Systems*, **2020**, 38, 1-40	4.8	8
141	GAG **2020**,		15
140	PAIC: Parallelised Attentive Image Captioning. *Lecture Notes in Computer Science*, **2020**, 16-28	0.9	
139	Semantics-Reconstructing Hashing for Cross-Modal Retrieval. *Lecture Notes in Computer Science*, **2020**, 315-327	0.9	
138	Graph-Based Relation-Aware Representation Learning for Clothing Matching. *Lecture Notes in Computer Science*, **2020**, 189-197	0.9	2
137	Semi-supervised Cross-Modal Hashing with Graph Convolutional Networks. *Lecture Notes in Computer Science*, **2020**, 93-104	0.9	2
136	Fashion Recommendation with Multi-relational Representation Learning. *Lecture Notes in Computer Science*, **2020**, 3-15	0.9	2
135	Bidirectional Discrete Matrix Factorization Hashing for Image Search. *IEEE Transactions on Cybernetics*, **2020**, 50, 4157-4168	10.2	12
134	. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 1-1	4.2	23
133	Deep-Sea Organisms Tracking Using Dehazing and Deep Learning. *Mobile Networks and Applications* , **2020**, 25, 1008-1015	2.9	20
132	From Zero-Shot Learning to Cold-Start Recommendation. *Proceedings of the AAAI Conference on Artificial Intelligence*, **2019**, 33, 4189-4196	5	32
131	Multi-hop Path Queries over Knowledge Graphs with Neural Memory Networks. *Lecture Notes in Computer Science*, **2019**, 777-794	0.9	4

130	Hierarchical Multi-Clue Modelling for POI Popularity Prediction with Heterogeneous Tourist Information. *IEEE Transactions on Knowledge and Data Engineering*, **2019**, 31, 757-768	4.2	31
129	MR-NET: Exploiting Mutual Relation for Visual Relationship Detection. *Proceedings of the AAAI Conference on Artificial Intelligence*, **2019**, 33, 8110-8117	5	7
128	Scalable Supervised Asymmetric Hashing With Semantic and Latent Factor Embedding. *IEEE Transactions on Image Processing*, **2019**, 28, 4803-4818	8.7	48
127	A Domain Adaptation Approach for Multistream Classification. *Lecture Notes in Computer Science*, **2019**, 343-347	0.9	0
126	Deep Collaborative Discrete Hashing with Semantic-Invariant Structure **2019**,		8
125	CRA-Net **2019**,		14
124	Curiosity-driven Reinforcement Learning for Diverse Visual Paragraph Generation **2019**,		10
123	SADIH: Semantic-Aware DIscrete Hashing. *Proceedings of the AAAI Conference on Artificial Intelligence*, **2019**, 33, 5853-5860	5	8
122	Discrete Hashing with Multiple Supervision. *IEEE Transactions on Image Processing*, **2019**,	8.7	31
121	Heterogeneous Domain Adaptation Through Progressive Alignment. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 1381-1391	10.3	99
120	Near-duplicate Video Retrieval: Current Research and Future Trends - Withdrawn. *IEEE MultiMedia*, **2019**, 1-1	2.1	2
119	Transfer Independently Together: A Generalized Framework for Domain Adaptation. *IEEE Transactions on Cybernetics*, **2019**, 49, 2144-2155	10.2	134
118	Embedding and predicting the event at early stage. *World Wide Web*, **2019**, 22, 1055-1074	2.9	2
117	Exploring Auxiliary Context: Discrete Semantic Transfer Hashing for Scalable Image Retrieval. *IEEE Transactions on Neural Networks and Learning Systems*, **2018**, 29, 5264-5276	10.3	108
116	Unsupervised Deep Hashing with Similarity-Adaptive and Discrete Optimization. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2018**, 40, 3034-3044	13.3	213
115	Discrete Deep Learning for Fast Content-Aware Recommendation **2018**,		30
114	Exploiting detected visual objects for frame-level video filtering. *World Wide Web*, **2018**, 21, 1259-1284	2.9	1
113	Robust discrete code modeling for supervised hashing. *Pattern Recognition*, **2018**, 75, 128-135	7.7	82

112	Neural Memory Streaming Recommender Networks with Adversarial Training **2018**,		63
111	Streaming Ranking Based Recommender Systems **2018**,		30
110	Modal-adversarial Semantic Learning Network for Extendable Cross-modal Retrieval **2018**,		20
109	Restricted Boltzmann Machine Based Active Learning for Sparse Recommendation. *Lecture Notes in Computer Science*, **2018**, 100-115	0.9	3
108	Discrete Binary Hashing Towards Efficient Fashion Recommendation. *Lecture Notes in Computer Science*, **2018**, 116-132	0.9	3
107	Look Deeper See Richer **2018**,		11
106	Coarse-to-Fine Annotation Enrichment for Semantic Segmentation Learning **2018**,		4
105	Joint Event-Partner Recommendation in Event-Based Social Networks **2018**,		46
104	I read, I saw, I tell **2018**,		10
103	Learning Discrete Hashing Towards Efficient Fashion Recommendation. *Data Science and Engineering*, **2018**, 3, 307-322	3.6	5
102	Mobi-SAGE-RS: A sparse additive generative model-based mobile application recommender system. *Knowledge-Based Systems*, **2018**, 157, 68-80	7.3	9
101	Index and Retrieve Multimedia Data: Cross-Modal Hashing by Learning Subspace Relation. *Lecture Notes in Computer Science*, **2018**, 606-621	0.9	3
100	TSAUB: A Temporal-Sentiment-Aware User Behavior Model for Personalized Recommendation. *Lecture Notes in Computer Science*, **2018**, 211-223	0.9	
99	Hierarchical Latent Concept Discovery for Video Event Detection. *IEEE Transactions on Image Processing*, **2017**, 26, 2149-2162	8.7	15
98	Discrete Nonnegative Spectral Clustering. *IEEE Transactions on Knowledge and Data Engineering*, **2017**, 29, 1834-1845	4.2	54
97	From community detection to community profiling. *Proceedings of the VLDB Endowment*, **2017**, 10, 817-828	3.2	26
96	Fast Parallel Path Concatenation for Graph Extraction. *IEEE Transactions on Knowledge and Data Engineering*, **2017**, 29, 2210-2222	4.2	3
95	Unifying Multi-Source Social Media Data for Personalized Travel Route Planning **2017**,		6

94	Event Early Embedding **2017**,		4
93	Transductive Visual-Semantic Embedding for Zero-shot Learning **2017**,		7
92	. *IEEE Transactions on Multimedia*, **2017**, 19, 2066-2079	6.6	107
91	Adaptively Attending to Visual Attributes and Linguistic Knowledge for Captioning **2017**,		23
90	Bilinear Optimized Product Quantization for Scalable Visual Content Analysis. *IEEE Transactions on Image Processing*, **2017**, 26, 5057-5069	8.7	8
89	Ranking weighted clustering coefficient in large dynamic graphs. *World Wide Web*, **2017**, 20, 855-883	2.9	2
88	Jointly Modeling Static Visual Appearance and Temporal Pattern for Unsupervised Video Hashing **2017**,		5
87	Leveraging Weak Semantic Relevance for Complex Video Event Classification **2017**,		5
86	Multi-attention Network for One Shot Learning **2017**,		37
85	Two Birds One Stone **2017**,		16
84	Exploring Consistent Preferences **2017**,		31
83	Quartet-net Learning for Visual Instance Retrieval **2016**,		5
82	Joint Modeling of User Check-in Behaviors for Real-time Point-of-Interest Recommendation. *ACM Transactions on Information Systems*, **2016**, 35, 1-44	4.8	122
81	What's Wrong with That Object? Identifying Images of Unusual Objects by Modelling the Detection Score Distribution **2016**,		5
80	. *IEEE Transactions on Multimedia*, **2016**, 18, 484-495	6.6	69
79	Supervised Robust Discrete Multimodal Hashing for Cross-Media Retrieval **2016**,		19
78	Using Detected Visual Objects to Index Video Database. *Lecture Notes in Computer Science*, **2016**, 333-345	0.9	1
77	Indexing evolving events from tweet streams **2016**,		11

76	. *IEEE Transactions on Multimedia*, **2016**, 18, 1590-1603	6.6	16
75	Robust spatial-temporal deep model for multimedia event detection. *Neurocomputing*, **2016**, 213, 48-53	5.4	6
74	Web Video Event Recognition by Semantic Analysis From Ubiquitous Documents. *IEEE Transactions on Image Processing*, **2016**, 25, 5689-5701	8.7	13
73	Heterogeneous Environment Aware Streaming Graph Partitioning. *IEEE Transactions on Knowledge and Data Engineering*, **2015**, 27, 1560-1572	4.2	25
72	Indexing Evolving Events from Tweet Streams. *IEEE Transactions on Knowledge and Data Engineering*, **2015**, 27, 3001-3015	4.2	14
71	A Multi-label Least-Squares Hashing For Scalable Image Search **2015**,		12
70	Spatial-aware Multimodal Location Estimation for Social Images **2015**,		10
69	Keyword Search Over Probabilistic RDF Graphs. *IEEE Transactions on Knowledge and Data Engineering*, **2015**, 27, 1246-1260	4.2	12
68	Evaluation of machine learning interpolation techniques for prediction of physical properties. *Computational Materials Science*, **2015**, 98, 170-177	3.2	28
67	Social event identification and ranking on flickr. *World Wide Web*, **2015**, 18, 1219-1245	2.9	2
66	Joint Modeling of Users' Interests and Mobility Patterns for Point-of-Interest Recommendation **2015**,		38
65	What are Popular **2015**,		24
64	Truth Discovery in Material Science Databases. *Lecture Notes in Computer Science*, **2015**, 269-280	0.9	
63	Robust hashing with local models for approximate similarity search. *IEEE Transactions on Cybernetics*, **2014**, 44, 1225-36	10.2	65
62	A sparse embedding and least variance encoding approach to hashing. *IEEE Transactions on Image Processing*, **2014**, 23, 3737-50	8.7	178
61	On the Influence Propagation of Web Videos. *IEEE Transactions on Knowledge and Data Engineering*, **2014**, 26, 1961-1973	4.2	6
60	SK-LSH. *Proceedings of the VLDB Endowment*, **2014**, 7, 745-756	3.1	53
59	EventEye **2014**,		2

58	A temporal context-aware model for user behavior modeling in social media systems **2014**,		83
57	Multi-Output Regression with Tag Correlation Analysis for Effective Image Tagging. *Lecture Notes in Computer Science*, **2014**, 31-46	0.9	1
56	Scalable Gaussian Process Regression for Prediction of Material Properties. *Lecture Notes in Computer Science*, **2014**, 38-49	0.9	4
55	Image classification with manifold learning for out-of-sample data. *Signal Processing*, **2013**, 93, 2169-2177	4.4	24
54	Local image tagging via graph regularized joint group sparsity. *Pattern Recognition*, **2013**, 46, 1358-1368	7.7	36
53	Effective Multiple Feature Hashing for Large-Scale Near-Duplicate Video Retrieval. *IEEE Transactions on Multimedia*, **2013**, 15, 1997-2008	6.6	179
52	. *IEEE Transactions on Multimedia*, **2013**, 15, 633-646	6.6	43
51	Near-Optimal Partial Linear Scan for Nearest Neighbor Search in High-Dimensional Space. *Lecture Notes in Computer Science*, **2013**, 101-115	0.9	1
50	. *IEEE Transactions on Multimedia*, **2013**, 15, 608-620	6.6	1
49	Self-taught dimensionality reduction on the high-dimensional small-sized data. *Pattern Recognition*, **2013**, 46, 215-229	7.7	112
48	Linear cross-modal hashing for efficient multimedia search **2013**,		166
47	Spatio-temporal Event Modeling and Ranking. *Lecture Notes in Computer Science*, **2013**, 361-374	0.9	2
46	Sparse hashing for fast multimedia search. *ACM Transactions on Information Systems*, **2013**, 31, 1-24	4.8	86
45	. *IEEE Transactions on Multimedia*, **2013**, 15, 572-581	6.6	132
44	Near-duplicate video retrieval. *ACM Computing Surveys*, **2013**, 45, 1-23	13.4	611
43	Inter-media hashing for large-scale retrieval from heterogeneous data sources **2013**,		307
42	Multi-View Visual Classification via a Mixed-Norm Regularizer. *Lecture Notes in Computer Science*, **2013**, 520-531	0.9	5
41	Imagilar: A Real-Time Image Similarity Search System on Mobile Platform. *Lecture Notes in Computer Science*, **2013**, 535-538	0.9	

40	Dimensionality reduction by Mixed Kernel Canonical Correlation Analysis. *Pattern Recognition*, **2012**, 45, 3003-3016	7.7	109
39	Quick identification of near-duplicate video sequences with cut signature. *World Wide Web*, **2012**, 15, 355-382	2.9	7
38	Automatic tagging by exploring tag information capability and correlation. *World Wide Web*, **2012**, 15, 233-256	2.9	17
37	Discovering areas of interest with geo-tagged images and check-ins **2012**,		33
36	Extracting representative motion flows for effective video retrieval. *Multimedia Tools and Applications*, **2012**, 58, 687-711	2.5	5
35	Robust cross-media transfer for visual event detection **2012**,		7
34	Discovering the Most Influential Sites over Uncertain Data: A Rank-Based Approach. *IEEE Transactions on Knowledge and Data Engineering*, **2012**, 24, 2156-2169	4.2	16
33	On the Prediction of Re-tweeting Activities in Social Networks A Report on WISE 2012 Challenge. *Lecture Notes in Computer Science*, **2012**, 744-754	0.9	3
32	Context Sensitive Tag Expansion with Information Inference. *Lecture Notes in Computer Science*, **2012**, 440-454	0.9	
31	. *IEEE Transactions on Multimedia*, **2011**, 13, 71-81	6.6	1
30	Tag localization with spatial correlations and joint group sparsity **2011**,		74
29	Multiple feature hashing for real-time large scale near-duplicate video retrieval **2011**,		202
28	Effective data co-reduction for multimedia similarity search **2011**,		16
27	Mining multi-tag association for image tagging. *World Wide Web*, **2011**, 14, 133-156	2.9	33
26	Transfer tagging from image to video **2011**,		11
25	Video-to-shot tag allocation by weighted sparse group lasso **2011**,		5
24	Correlation-based retrieval for heavily changed near-duplicate videos. *ACM Transactions on Information Systems*, **2011**, 29, 1-25	4.8	16
23	Probabilistic Image Tagging with Tags Expanded By Text-Based Search. *Lecture Notes in Computer Science*, **2011**, 269-283	0.9	

22	Efficient Histogram-Based Similarity Search in Ultra-High Dimensional Space. *Lecture Notes in Computer Science*, **2011**, 1-15	0.9	
21	Tagging Image with Informative and Correlative Tags. *Lecture Notes in Computer Science*, **2011**, 258-263	0.9	
20	Mining near-duplicate graph for cluster-based reranking of web video search results. *ACM Transactions on Information Systems*, **2010**, 28, 1-27	4.8	21
19	Efficient and Continuous Near-duplicate Video Detection **2010**,		8
18	. *IEEE Transactions on Multimedia*, **2010**, 12, 386-398	6.6	32
17	Online Near-Duplicate Video Clip Detection and Retrieval: An Accurate and Fast System. *Proceedings - International Conference on Data Engineering*, **2009**,	2	21
16	High-dimensional indexing with oriented cluster representation for multimedia databases **2009**,		2
15	Interactive near-duplicate video retrieval and detection **2009**,		5
14	Effective and Efficient Query Processing for Video Subsequence Identification. *IEEE Transactions on Knowledge and Data Engineering*, **2009**, 21, 321-334	4.2	22
13	Bounded coordinate system indexing for real-time video clip search. *ACM Transactions on Information Systems*, **2009**, 27, 1-33	4.8	55
12	Speed up interactive image retrieval. *VLDB Journal*, **2009**, 18, 329-343	3.9	8
11	Dimension-Specific Search for Multimedia Retrieval. *Lecture Notes in Computer Science*, **2009**, 693-698	0.9	
10	Dissimilarity measures for content-based image retrieval **2008**,		6
9	**2008**,		1
8	Localized Co-Occurrence Model for Fast Approximate Search in 3D Structure Databases. *IEEE Transactions on Knowledge and Data Engineering*, **2008**, 20, 519-531	4.2	
7	Locality condensation **2008**,		9
6	Distribution-based similarity measures for multi-dimensional point set retrieval applications **2008**,		4
5	. *IEEE Transactions on Multimedia*, **2008**, 10, 409-420	6.6	13

List of Publications

4	Statistical summarization of content features for fast near-duplicate video detection **2007**,		13
3	Dynamic Batch Nearest Neighbor Search in Video Retrieval **2007**,		5
2	Suicidal ideation and mental disorder detection with attentive relation networks. *Neural Computing and Applications*,1	4.8	12
1	Long short-term enhanced memory for sequential recommendation. *World Wide Web*,	2.9	1