Shikui Wei

List of Publications by Year
in descending order

47 papers	711 citations	759233 12 h-index	610901 24 g-index
47 all docs	47 docs citations	47 times ranked	576 citing authors

#	Article	IF	Citations
1	Devil in the Details: Towards Accurate Single and Multiple Human Parsing. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 4814-4821.	4.9	131
2	Multimodal Fusion for Video Search Reranking. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 1191-1199.	5.7	66
3	Modality-Dependent Cross-Media Retrieval. ACM Transactions on Intelligent Systems and Technology, 2016, 7, 1-13.	4.5	63
4	Concealed Object Detection for Activate Millimeter Wave Image. IEEE Transactions on Industrial Electronics, 2019, 66, 9909-9917.	7.9	62
5	Frame Fusion for Video Copy Detection. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 15-28.	8.3	61
6	Saliency Inside: Learning Attentive CNNs for Content-Based Image Retrieval. IEEE Transactions on Image Processing, 2019, 28, 4580-4593.	9.8	50
7	Referring Image Segmentation by Generative Adversarial Learning. IEEE Transactions on Multimedia, 2020, 22, 1333-1344.	7.2	42
8	3-D Surround View for Advanced Driver Assistance Systems. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 320-328.	8.0	40
9	Joint Optimization Toward Effective and Efficient Image Search. IEEE Transactions on Cybernetics, 2013, 43, 2216-2227.	9.5	36
10	Rearranging Online Tubes for Streaming Video Synopsis: A Dynamic Graph Coloring Approach. IEEE Transactions on Image Processing, 2019, 28, 3873-3884.	9.8	18
11	Indexing of the CNN features for the large scale image search. Multimedia Tools and Applications, 2018, 77, 32107-32131.	3.9	16
12	Rich Features Embedding for Cross-Modal Retrieval: A Simple Baseline. IEEE Transactions on Multimedia, 2020, 22, 2354-2365.	7.2	13
13	Heterogeneous Feature Fusion and Cross-modal Alignment for Composed Image Retrieval. , 2021, , .		13
14	Mining Semantically Consistent Patterns for Cross-View Data. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2745-2758.	5.7	12
15	Multi-Source Aggregation Transformer for Concealed Object Detection in Millimeter-Wave Images. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 6148-6159.	8.3	12
16	Two-stream Attentive CNNs for Image Retrieval. , 2017, , .		11
17	Spatial-Aware Texture Transformer for High-Fidelity Garment Transfer. IEEE Transactions on Image Processing, 2021, 30, 7499-7510.	9.8	7
18	Multiview Cross-Media Hashing with Semantic Consistency. IEEE MultiMedia, 2018, 25, 71-86.	1.7	6

#	Article	IF	Citations
19	Magic-Wall: Visualizing Room Decoration by Enhanced Wall Segmentation. IEEE Transactions on Image Processing, 2019, 28, 4219-4232.	9.8	6
20	Parameter Distribution Balanced CNNs. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4600-4609.	11.3	5
21	Improving the similarity estimation via score distribution. , 2016, , .		4
22	Magic-wall. , 2017, , .		4
23	Enhance Neighbor Reversibility in Subspace Learning for Image Retrieval. IEEE Journal on Selected Topics in Signal Processing, 2018, 12, 1338-1350.	10.8	4
24	Blind Image Clustering for Camera Source Identification via Row-Sparsity Optimization. IEEE Transactions on Multimedia, 2021, 23, 2602-2613.	7.2	4
25	Partitioned K-Means Clustering for Fast Construction of Unbiased Visual Vocabulary. , 2013, , 483-493.		4
26	Neighborhood reversibility verifying for image search. , 2013, , .		3
27	Finding the Secret of CNN Parameter Layout under Strict Size Constraint. , 2017, , .		3
28	Enhancing heterogeneous similarity estimation via neighborhood reversibility. Multimedia Tools and Applications, 2018, 77, 1437-1452.	3.9	3
29	DQN-based gradual fisheye image rectification. Pattern Recognition Letters, 2021, 152, 129-134.	4.2	3
30	Meaningful regions segmentation in CBIR. , 0, , .		2
31	Frame filtering and path verification for improving video copy detection. , 2013, , .		2
32	Redundancy filtering and fusion verification for video copy detection. Multimedia Systems, 2015, 21, 207-216.	4.7	2
33	A cooperative learning strategy for interactive video search. , 2007, , .		1
34	Creating video summarization from emotion perspective. , 2016, , .		1
35	Dual-Gradients Localization Framework With Skip-Layer Connections for Weakly Supervised Object Localization. IEEE Transactions on Multimedia, 2022, , 1-10.	7.2	1
36	Multilevel Indexing Structure for Object Based Image Retrieval. , 2006, , .		0

#	ARTICLE	IF	CITATIONS
37	A Cooperative Learning Scheme for Interactive Video Search. Journal of Signal Processing Systems, 2010, 59, 189-199.	2.1	0
38	Semi-Supervised Learning with Density-Sensitive Manifold graph. , 2010, , .		0
39	Design of representaiton scheme towards better image search. , 2011, , .		0
40	Key factors for large scale visual vocabulary. , 2012, , .		0
41	Multiple PiPs detection in unbounded video stream. , 2013, , .		0
42	Accumulated reconstruction error vector (AREV): a semantic representation for cross-media retrieval. Multimedia Tools and Applications, 2015, 74, 561-576.	3.9	0
43	Light-weight binary code embedding of local feature distribution in image search. Neurocomputing, 2016, 212, 48-57.	5.9	0
44	Stabilizing Object Tracking Trajectory on the Basis of Kalman Filter. , 2017, , .		0
45	Adversarial task-specific learning. Neurocomputing, 2019, 362, 118-128.	5.9	0
46	Improving image similarity estimation via global distance distribution information. Neurocomputing, 2019, 333, 381-394.	5.9	0
47	Towards Transferable 3D Adversarial Attack. , 2021, , .		0