

Gang Hua

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

2,352
citations

623188

14
h-index

580395

25
g-index

41
all docs

41
docs citations

41
times ranked

1724
citing authors

#	ARTICLE	IF	CITATIONS
1	Visual attribute transfer through deep image analogy. ACM Transactions on Graphics, 2017, 36, 1-15.	4.9	308
2	StyleBank: An Explicit Representation for Neural Image Style Transfer. , 2017, , .		292
3	Neural Aggregation Network for Video Face Recognition. , 2017, , .		258
4	A Generic Deep Architecture for Single Image Reflection Removal and Image Smoothing. , 2017, , .		193
5	Coherent Online Video Style Transfer. , 2017, , .		176
6	Probabilistic Elastic Matching for Pose Variant Face Verification. , 2013, , .		167
7	Discriminant Embedding for Local Image Descriptors. , 2007, , .		122
8	Semantic Model Vectors for Complex Video Event Recognition. IEEE Transactions on Multimedia, 2012, 14, 88-101.	5.2	122
9	Weakly Supervised Temporal Action Localization Through Contrast Based Evaluation Networks. , 2019, , .		75
10	Two-Stream Consensus Network for Weakly-Supervised Temporal Action Localization. Lecture Notes in Computer Science, 2020, , 37-54.	1.0	74
11	Stereoscopic Neural Style Transfer. , 2018, , .		65
12	Hierarchical-PEP model for real-world face recognition. , 2015, , .		36
13	Deep Model Intellectual Property Protection via Deep Watermarking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	9.7	36
14	Decouple Learning for Parameterized Image Operators. Lecture Notes in Computer Science, 2018, , 455-471.	1.0	36
15	Video Object Discovery and Co-segmentation with Extremely Weak Supervision. Lecture Notes in Computer Science, 2014, , 640-655.	1.0	35
16	Video Object Discovery and Co-Segmentation with Extremely Weak Supervision. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 2074-2088.	9.7	34
17	Collaborative Active Visual Recognition from Crowds: A Distributed Ensemble Approach. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 582-594.	9.7	33
18	Scene Aligned Pooling for Complex Video Recognition. Lecture Notes in Computer Science, 2012, , 688-701.	1.0	28

#	ARTICLE	IF	CITATIONS
19	Automatic salient object extraction with contextual cue and its applications to recognition and alpha matting. Pattern Recognition, 2013, 46, 2874-2889.	5.1	26
20	Order-Preserving Wasserstein Distance for Sequence Matching. , 2017, , .		25
21	Multi-View Visual Recognition of Imperfect Testing Data. , 2015, , .		24
22	Joint Segmentation and Recognition of Categorized Objects From Noisy Web Image Collection. IEEE Transactions on Image Processing, 2014, 23, 4070-4086.	6.0	23
23	ER3: A Unified Framework for Event Retrieval, Recognition and Recounting. , 2017, , .		19
24	Knowledge-Based Topic Model for Unsupervised Object Discovery and Localization. IEEE Transactions on Image Processing, 2018, 27, 50-63.	6.0	19
25	Joint Video Object Discovery and Segmentation by Coupled Dynamic Markov Networks. IEEE Transactions on Image Processing, 2018, 27, 5840-5853.	6.0	14
26	Order-Preserving Optimal Transport for Distances between Sequences. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2961-2974.	9.7	14
27	Controllable Image Processing via Adaptive FilterBank Pyramid. IEEE Transactions on Image Processing, 2020, 29, 8043-8054.	6.0	14
28	Action Coherence Network for Weakly Supervised Temporal Action Localization. , 2019, , .		12
29	Explicit Filterbank Learning for Neural Image Style Transfer and Image Processing. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 2373-2387.	9.7	12
30	Probabilistic Elastic Part Model: A Pose-Invariant Representation for Real-World Face Verification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 918-930.	9.7	11
31	Giant Panda Identification. IEEE Transactions on Image Processing, 2021, 30, 2837-2849.	6.0	11
32	Action Coherence Network for Weakly-Supervised Temporal Action Localization. IEEE Transactions on Multimedia, 2022, 24, 1857-1870.	5.2	10
33	Video Object Co-Segmentation from Noisy Videos by a Multi-Level Hypergraph Model. , 2018, , .		8
34	Improving Person Re-Identification With Iterative Impression Aggregation. IEEE Transactions on Image Processing, 2020, 29, 9559-9571.	6.0	6
35	Video Imprint. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 3086-3099.	9.7	4
36	Object Cosegmentation in Noisy Videos With Multilevel Hypergraph. IEEE Transactions on Multimedia, 2021, 23, 1287-1300.	5.2	4

#	ARTICLE	IF	CITATIONS
37	Adaptive Two-Stream Consensus Network for Weakly-Supervised Temporal Action Localization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2023, 45, 4136-4151.	9.7	3
38	Action Co-localization in an Untrimmed Video by Graph Neural Networks. Lecture Notes in Computer Science, 2020, , 555-567.	1.0	2
39	Joint Multi-object Detection and Segmentation from an Untrimmed Video. IFIP Advances in Information and Communication Technology, 2020, , 317-329.	0.5	1
40	Editorial: Introduction to the Special Section on CVPR2019 Best Papers. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, 43, 4203-4204.	9.7	0
41	Deep conditional image generation. , 2022, , 191-219.		0