

# Shaogang Gong

## List of Publications by Year in descending order

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75  
papers

8,487  
citations

117571

34  
h-index

102432

66  
g-index

76  
all docs

76  
docs citations

76  
times ranked

5512  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facial expression recognition based on Local Binary Patterns: A comprehensive study. Image and Vision Computing, 2009, 27, 803-816.	2.7	1,895
2	Reidentification by Relative Distance Comparison. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 653-668.	9.7	659
3	Transferable Joint Attribute-Identity Deep Learning for Unsupervised Person Re-identification. , 2018, , .		378
4	Transductive Multi-View Zero-Shot Learning. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2015, 37, 2332-2345.	9.7	349
5	Unsupervised Cross-Dataset Transfer Learning for Person Re-identification. , 2016, , .		277
6	Gait recognition without subject cooperation. Pattern Recognition Letters, 2010, 31, 2052-2060.	2.6	267
7	Tracking colour objects using adaptive mixture models. Image and Vision Computing, 1999, 17, 225-231.	2.7	252
8	Unsupervised Domain Adaptation for Zero-Shot Learning. , 2015, , .		247
9	Video Behavior Profiling for Anomaly Detection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 893-908.	9.7	238
10	Beyond Tracking: Modelling Activity and Understanding Behaviour. International Journal of Computer Vision, 2006, 67, 21-51.	10.9	200
11	Imbalanced Deep Learning by Minority Class Incremental Rectification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 1367-1381.	9.7	192
12	MODELLING FACIAL COLOUR AND IDENTITY WITH GAUSSIAN MIXTURES. Pattern Recognition, 1998, 31, 1883-1892.	5.1	183
13	Time-Delayed Correlation Analysis for Multi-Camera Activity Understanding. International Journal of Computer Vision, 2010, 90, 106-129.	10.9	171
14	Partial Person Re-Identification. , 2015, , .		170
15	Support vector machine based multi-view face detection and recognition. Image and Vision Computing, 2004, 22, 413-427.	2.7	139
16	Spectral clustering with eigenvector selection. Pattern Recognition, 2008, 41, 1012-1029.	5.1	138
17	Zero-shot object recognition by semantic manifold distance. , 2015, , .		137
18	Towards Open-World Person Re-Identification by One-Shot Group-Based Verification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 591-606.	9.7	135

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19	Unsupervised Tracklet Person Re-Identification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 1770-1782.	9.7	125
20	Instance-Guided Context Rendering for Cross-Domain Person Re-Identification. , 2019, , .		115
21	Generalized Face Super-Resolution. IEEE Transactions on Image Processing, 2008, 17, 873-886.	6.0	109
22	Transductive Zero-Shot Action Recognition by Word-Vector Embedding. International Journal of Computer Vision, 2017, 123, 309-333.	10.9	100
23	Multi-Scale Learning for Low-Resolution Person Re-Identification. , 2015, , .		99
24	Person re-identification by unsupervised video matching. Pattern Recognition, 2017, 65, 197-210.	5.1	89
25	Learning Multimodal Latent Attributes. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 303-316.	9.7	88
26	Video Behaviour Mining Using a Dynamic Topic Model. International Journal of Computer Vision, 2012, 98, 303-323.	10.9	85
27	Composite support vector machines for detection of faces across views and pose estimation. Image and Vision Computing, 2002, 20, 359-368.	2.7	80
28	Free-hand sketch recognition by multi-kernel feature learning. Computer Vision and Image Understanding, 2015, 137, 1-11.	3.0	78
29	On-the-fly feature importance mining for person re-identification. Pattern Recognition, 2014, 47, 1602-1615.	5.1	77
30	RGB-IR Person Re-identification by Cross-Modality Similarity Preservation. International Journal of Computer Vision, 2020, 128, 1765-1785.	10.9	75
31	Fusing appearance and distribution information of interest points for action recognition. Pattern Recognition, 2012, 45, 1220-1234.	5.1	72
32	Action categorization with modified hidden conditional random field. Pattern Recognition, 2010, 43, 197-203.	5.1	69
33	Incremental and adaptive abnormal behaviour detection. Computer Vision and Image Understanding, 2008, 111, 59-73.	3.0	68
34	Dictionary Learning with Iterative Laplacian Regularisation for Unsupervised Person Re-identification. , 2015, , .		64
35	Combining global, regional and contextual features for automatic image annotation. Pattern Recognition, 2009, 42, 259-266.	5.1	59
36	Recognition of human gestures and behaviour based on motion trajectories. Image and Vision Computing, 2002, 20, 349-358.	2.7	56

#	ARTICLE	IF	CITATIONS
37	Zero-Shot Learning on Semantic Class Prototype Graph. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 2009-2022.	9.7	55
38	Detecting and discriminating behavioural anomalies. Pattern Recognition, 2011, 44, 117-132.	5.1	54
39	Fusing gait and face cues for human gender recognition. Neurocomputing, 2008, 71, 1931-1938.	3.5	53
40	Semi-Supervised Learning under Class Distribution Mismatch. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 3569-3576.	3.6	52
41	Activity based surveillance video content modelling. Pattern Recognition, 2008, 41, 2309-2326.	5.1	44
42	Learning Behavioural Context. International Journal of Computer Vision, 2012, 97, 276-304.	10.9	43
43	Recognising Human-Object Interaction via Exemplar Based Modelling. , 2013, , .		38
44	Fusion of perceptual cues for robust tracking of head pose and position. Pattern Recognition, 2001, 34, 1565-1572.	5.1	36
45	Constructing Facial Identity Surfaces for Recognition. International Journal of Computer Vision, 2003, 53, 71-92.	10.9	35
46	Recognising trajectories of facial identities using kernel discriminant analysis. Image and Vision Computing, 2003, 21, 1077-1086.	2.7	34
47	Quantifying and Transferring Contextual Information in Object Detection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 762-777.	9.7	34
48	Free-Hand Sketch Synthesis with Deformable Stroke Models. International Journal of Computer Vision, 2017, 122, 169-190.	10.9	34
49	Learning hybrid ranking representation for person re-identification. Pattern Recognition, 2022, 121, 108239.	5.1	33
50	Action categorization by structural probabilistic latent semantic analysis. Computer Vision and Image Understanding, 2010, 114, 857-864.	3.0	30
51	Incremental Activity Modeling in Multiple Disjoint Cameras. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 1799-1813.	9.7	29
52	Person Re-identification in Identity Regression Space. International Journal of Computer Vision, 2018, 126, 1288-1310.	10.9	26
53	Face re-identification challenge: Are face recognition models good enough?. Pattern Recognition, 2020, 107, 107422.	5.1	23
54	On the semantics of visual behaviour, structured events and trajectories of human action. Image and Vision Computing, 2002, 20, 873-888.	2.7	22

#	ARTICLE	IF	CITATIONS
55	Hallucinating multiple occluded face images of different resolutions. Pattern Recognition Letters, 2006, 27, 1768-1775.	2.6	21
56	Discovery of Shared Semantic Spaces for Multiscene Video Query and Summarization. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1353-1367.	5.6	21
57	Intra-Camera Supervised Person Re-Identification: A New Benchmark. , 2019, , .		20
58	Scalable logo detection by self co-learning. Pattern Recognition, 2020, 97, 107003.	5.1	20
59	Scalable Person Re-Identification by Harmonious Attention. International Journal of Computer Vision, 2020, 128, 1635-1653.	10.9	18
60	Intra-Camera Supervised Person Re-Identification. International Journal of Computer Vision, 2021, 129, 1580-1595.	10.9	18
61	Learning from Multiple Sources for Video Summarisation. International Journal of Computer Vision, 2016, 117, 247-268.	10.9	17
62	Hierarchical distillation learning for scalable person search. Pattern Recognition, 2021, 114, 107862.	5.1	16
63	Single-Label Multi-Class Image Classification by Deep Logistic Regression. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 3486-3493.	3.6	14
64	Multi-View Label Prediction for Unsupervised Learning Person Re-Identification. IEEE Signal Processing Letters, 2021, 28, 1390-1394.	2.1	14
65	The dynamics of linear combinations: tracking 3D skeletons of human subjects. Image and Vision Computing, 2002, 20, 397-414.	2.7	10
66	Learning pixel-wise signal energy for understanding semantics. Image and Vision Computing, 2003, 21, 1183-1189.	2.7	10
67	People detection in low-resolution video with non-stationary background. Image and Vision Computing, 2009, 27, 437-443.	2.7	10
68	Model Selection for Unsupervised Learning of Visual Context. International Journal of Computer Vision, 2006, 69, 181-201.	10.9	9
69	Unsupervised cross-domain person re-identification by instance and distribution alignment. Pattern Recognition, 2022, 124, 108514.	5.1	9
70	Neural Graph Embedding for Neural Architecture Search. Proceedings of the AAAI Conference on Artificial Intelligence, 2020, 34, 4707-4714.	3.6	8
71	Joint Bilateral-Resolution Identity Modeling for Cross-Resolution Person Re-Identification. International Journal of Computer Vision, 2022, 130, 136-156.	10.9	8
72	Optimising dynamic graphical models for video content analysis. Computer Vision and Image Understanding, 2008, 112, 310-323.	3.0	7

#	ARTICLE	IF	CITATIONS
73	Corresponding dynamic appearances. <i>Image and Vision Computing</i> , 2002, 20, 307-318.	2.7	6
74	Multi-perspective cross-class domain adaptation for open logo detection. <i>Computer Vision and Image Understanding</i> , 2021, 204, 103156.	3.0	6
75	Guest Editorial Introduction to the Special Issue on Large-Scale Visual Sensor Networks: Architectures and Applications. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021, 31, 1249-1252.	5.6	3