

Shaogang Gong

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.

75
papers

6,181
citations

38
h-index

76
g-index

76
ext. papers

7,430
ext. citations

7
avg. IF

6.39
L-index

#	Paper	IF	Citations
75	Unsupervised cross-domain person re-identification by instance and distribution alignment. <i>Pattern Recognition</i> , 2022 , 124, 108514	7.7	2
74	Learning hybrid ranking representation for person re-identification. <i>Pattern Recognition</i> , 2022 , 121, 108239	7.7	8
73	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	6.4	1
72	Hierarchical distillation learning for scalable person search. <i>Pattern Recognition</i> , 2021 , 114, 107862	7.7	3
71	Multi-perspective cross-class domain adaptation for open logo detection. <i>Computer Vision and Image Understanding</i> , 2021 , 204, 103156	4.3	
70	Multi-View Label Prediction for Unsupervised Learning Person Re-Identification. <i>IEEE Signal Processing Letters</i> , 2021 , 28, 1390-1394	3.2	5
69	Intra-Camera Supervised Person Re-Identification. <i>International Journal of Computer Vision</i> , 2021 , 129, 1580-1595	10.6	5
68	Face re-identification challenge: Are face recognition models good enough?. <i>Pattern Recognition</i> , 2020 , 107, 107422	7.7	12
67	RGB-IR Person Re-identification by Cross-Modality Similarity Preservation. <i>International Journal of Computer Vision</i> , 2020 , 128, 1765-1785	10.6	28
66	Scalable logo detection by self co-learning. <i>Pattern Recognition</i> , 2020 , 97, 107003	7.7	9
65	Scalable Person Re-Identification by Harmonious Attention. <i>International Journal of Computer Vision</i> , 2020 , 128, 1635-1653	10.6	7
64	Neural Graph Embedding for Neural Architecture Search. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020 , 34, 4707-4714	5	3
63	Semi-Supervised Learning under Class Distribution Mismatch. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020 , 34, 3569-3576	5	14
62	Unsupervised Tracklet Person Re-Identification. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2020 , 42, 1770-1782	13.3	63
61	Single-Label Multi-Class Image Classification by Deep Logistic Regression. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2019 , 33, 3486-3493	5	8
60	Intra-Camera Supervised Person Re-Identification: A New Benchmark 2019 ,		11
59	Instance-Guided Context Rendering for Cross-Domain Person Re-Identification 2019 ,		48

58	Imbalanced Deep Learning by Minority Class Incremental Rectification. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2019 , 41, 1367-1381	13.3	96
57	Person Re-identification in Identity Regression Space. <i>International Journal of Computer Vision</i> , 2018 , 126, 1288-1310	10.6	19
56	Zero-Shot Learning on Semantic Class Prototype Graph. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018 , 40, 2009-2022	13.3	35
55	Transferable Joint Attribute-Identity Deep Learning for Unsupervised Person Re-identification 2018 ,		249
54	Discovery of Shared Semantic Spaces for Multiscene Video Query and Summarization. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2017 , 27, 1353-1367	6.4	16
53	Transductive Zero-Shot Action Recognition by Word-Vector Embedding. <i>International Journal of Computer Vision</i> , 2017 , 123, 309-333	10.6	68
52	Free-Hand Sketch Synthesis with Deformable Stroke Models. <i>International Journal of Computer Vision</i> , 2017 , 122, 169-190	10.6	25
51	Person re-identification by unsupervised video matching. <i>Pattern Recognition</i> , 2017 , 65, 197-210	7.7	73
50	Towards Open-World Person Re-Identification by One-Shot Group-Based Verification. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2016 , 38, 591-606	13.3	101
49	Learning from Multiple Sources for Video Summarisation. <i>International Journal of Computer Vision</i> , 2016 , 117, 247-268	10.6	11
48	Unsupervised Cross-Dataset Transfer Learning for Person Re-identification 2016 ,		206
47	Free-hand sketch recognition by multi-kernel feature learning. <i>Computer Vision and Image Understanding</i> , 2015 , 137, 1-11	4.3	56
46	Transductive multi-view zero-shot learning. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2015 , 37, 2332-45	13.3	238
45	Unsupervised Domain Adaptation for Zero-Shot Learning 2015 ,		183
44	Zero-shot object recognition by semantic manifold distance 2015 ,		99
43	Partial Person Re-Identification 2015 ,		116
42	Multi-Scale Learning for Low-Resolution Person Re-Identification 2015 ,		66
41	Dictionary Learning with Iterative Laplacian Regularisation for Unsupervised Person Re-identification 2015 ,		50

40	Learning multimodal latent attributes. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2014 , 36, 303-16	13.3	71
39	On-the-fly feature importance mining for person re-identification. <i>Pattern Recognition</i> , 2014 , 47, 1602-1615	7.7	65
38	Reidentification by Relative Distance Comparison. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2013 , 35, 653-68	13.3	516
37	Recognising Human-Object Interaction via Exemplar Based Modelling 2013 ,		24
36	Fusing appearance and distribution information of interest points for action recognition. <i>Pattern Recognition</i> , 2012 , 45, 1220-1234	7.7	62
35	Quantifying and transferring contextual information in object detection. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2012 , 34, 762-77	13.3	30
34	Learning Behavioural Context. <i>International Journal of Computer Vision</i> , 2012 , 97, 276-304	10.6	32
33	Incremental activity modeling in multiple disjoint cameras. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2012 , 34, 1799-813	13.3	24
32	Video Behaviour Mining Using a Dynamic Topic Model. <i>International Journal of Computer Vision</i> , 2012 , 98, 303-323	10.6	60
31	Detecting and discriminating behavioural anomalies. <i>Pattern Recognition</i> , 2011 , 44, 117-132	7.7	49
30	Action categorization by structural probabilistic latent semantic analysis. <i>Computer Vision and Image Understanding</i> , 2010 , 114, 857-864	4.3	26
29	Action categorization with modified hidden conditional random field. <i>Pattern Recognition</i> , 2010 , 43, 197-203	7.7	61
28	Gait recognition without subject cooperation. <i>Pattern Recognition Letters</i> , 2010 , 31, 2052-2060	4.7	219
27	Time-Delayed Correlation Analysis for Multi-Camera Activity Understanding. <i>International Journal of Computer Vision</i> , 2010 , 90, 106-129	10.6	116
26	People detection in low-resolution video with non-stationary background. <i>Image and Vision Computing</i> , 2009 , 27, 437-443	3.7	7
25	Combining global, regional and contextual features for automatic image annotation. <i>Pattern Recognition</i> , 2009 , 42, 259-266	7.7	53
24	Facial expression recognition based on Local Binary Patterns: A comprehensive study. <i>Image and Vision Computing</i> , 2009 , 27, 803-816	3.7	1396
23	Fusing gait and face cues for human gender recognition. <i>Neurocomputing</i> , 2008 , 71, 1931-1938	5.4	45

22	Generalized face super-resolution. <i>IEEE Transactions on Image Processing</i> , 2008 , 17, 873-86	8.7	87
21	Video behavior profiling for anomaly detection. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2008 , 30, 893-908	13.3	195
20	Optimising dynamic graphical models for video content analysis. <i>Computer Vision and Image Understanding</i> , 2008 , 112, 310-323	4.3	6
19	Spectral clustering with eigenvector selection. <i>Pattern Recognition</i> , 2008 , 41, 1012-1029	7.7	103
18	Activity based surveillance video content modelling. <i>Pattern Recognition</i> , 2008 , 41, 2309-2326	7.7	41
17	Incremental and adaptive abnormal behaviour detection. <i>Computer Vision and Image Understanding</i> , 2008 , 111, 59-73	4.3	57
16	Hallucinating multiple occluded face images of different resolutions. <i>Pattern Recognition Letters</i> , 2006 , 27, 1768-1775	4.7	18
15	Model Selection for Unsupervised Learning of Visual Context. <i>International Journal of Computer Vision</i> , 2006 , 69, 181-201	10.6	8
14	Beyond Tracking: Modelling Activity and Understanding Behaviour. <i>International Journal of Computer Vision</i> , 2006 , 67, 21-51	10.6	172
13	Support vector machine based multi-view face detection and recognition. <i>Image and Vision Computing</i> , 2004 , 22, 413-427	3.7	115
12	Constructing Facial Identity Surfaces for Recognition. <i>International Journal of Computer Vision</i> , 2003 , 53, 71-92	10.6	27
11	Learning pixel-wise signal energy for understanding semantics. <i>Image and Vision Computing</i> , 2003 , 21, 1183-1189	3.7	6
10	Recognising trajectories of facial identities using kernel discriminant analysis. <i>Image and Vision Computing</i> , 2003 , 21, 1077-1086	3.7	23
9	Recognition of human gestures and behaviour based on motion trajectories. <i>Image and Vision Computing</i> , 2002 , 20, 349-358	3.7	46
8	Composite support vector machines for detection of faces across views and pose estimation. <i>Image and Vision Computing</i> , 2002 , 20, 359-368	3.7	64
7	The dynamics of linear combinations: tracking 3D skeletons of human subjects. <i>Image and Vision Computing</i> , 2002 , 20, 397-414	3.7	9
6	Corresponding dynamic appearances. <i>Image and Vision Computing</i> , 2002 , 20, 307-318	3.7	5
5	On the semantics of visual behaviour, structured events and trajectories of human action. <i>Image and Vision Computing</i> , 2002 , 20, 873-888	3.7	19

4	Fusion of perceptual cues for robust tracking of head pose and position. <i>Pattern Recognition</i> , 2001 , 34, 1565-1572	7.7	28
3	Tracking colour objects using adaptive mixture models. <i>Image and Vision Computing</i> , 1999 , 17, 225-231	3.7	205
2	MODELLING FACIAL COLOUR AND IDENTITY WITH GAUSSIAN MIXTURES. <i>Pattern Recognition</i> , 1998 , 31, 1883-1892	7.7	148
1	Joint Bilateral-Resolution Identity Modeling for Cross-Resolution Person Re-Identification. <i>International Journal of Computer Vision</i> , 1	10.6	0