Hang Su

List of Publications by Citations

38 papers	**838** citations
11 h-index	**28** g-index
43 ext. papers	**1,306** ext. citations
5.4 avg, IF	**4.39** L-index

#	Paper	IF	Citations
38	Boosting Adversarial Attacks with Momentum **2018**,		436
37	Cell segmentation in phase contrast microscopy images via semi-supervised classification over optics-related features. *Medical Image Analysis*, **2013**, 17, 746-65	15.4	58
36	Improving Interpretability of Deep Neural Networks with Semantic Information **2017**,		41
35	The Large-Scale Crowd Behavior Perception Based on Spatio-Temporal Viscous Fluid Field. *IEEE Transactions on Information Forensics and Security*, **2013**, 8, 1575-1589	8	39
34	Forecast the Plausible Paths in Crowd Scenes **2017**,		31
33	Interactive Cell Segmentation Based on Active and Semi-Supervised Learning. *IEEE Transactions on Medical Imaging*, **2016**, 35, 762-77	11.7	27
32	Crowd Behavior Analysis via Curl and Divergence of Motion Trajectories. *International Journal of Computer Vision*, **2017**, 123, 499-519	10.6	19
31	Interpret Neural Networks by Identifying Critical Data Routing Paths **2018**,		19
30	Multiple Kernelized Correlation Filters (MKCF) for Extended Object Tracking Using X-Band Marine Radar Data. *IEEE Transactions on Signal Processing*, **2019**, 67, 3676-3688	4.8	17
29	User-Level Privacy-Preserving Federated Learning: Analysis and Performance Optimization. *IEEE Transactions on Mobile Computing*, **2021**, 1-1	4.6	16
28	Learning to Write Stylized Chinese Characters by Reading a Handful of Examples **2018**,		15
27	Bilinear dynamics for crowd video analysis. *Journal of Visual Communication and Image Representation*, **2017**, 48, 461-470	2.7	11
26	**2016**,		11
25	Crowd Event Perception Based on Spatio-temporal Viscous Fluid Field **2012**,		9
24	Robust and Efficient Graph Correspondence Transfer for Person Re-Identification. *IEEE Transactions on Image Processing*, **2021**, 30, 1623-1638	8.7	9
23	Cell-sensitive phase contrast microscopy imaging by multiple exposures. *Medical Image Analysis*, **2015**, 25, 111-21	15.4	8
22	Design of Generalized Analog Network Coding for a Multiple-Access Relay Channel. *IEEE Transactions on Communications*, **2014**, 1-1	6.9	7

21	Interactive cell segmentation based on correction propagation **2014**,		7
20	Cell-sensitive microscopy imaging for cell image segmentation. *Lecture Notes in Computer Science*, **2014**, 17, 41-8	0.9	7
19	Stochastic Quantization for Learning Accurate Low-Bit Deep Neural Networks. *International Journal of Computer Vision*, **2019**, 127, 1629-1642	10.6	6
18	Motion sketch based crowd video retrieval. *Multimedia Tools and Applications*, **2017**, 76, 20167-20195	2.5	5
17	Active sample selection and correction propagation on a gradually-augmented graph **2015**,		5
16	Multiple Scaled Person Re-Identification Framework for HD Video Surveillance Application. *Communications in Computer and Information Science*, **2015**, 219-228	0.3	4
15	Weighted bilinear coding over salient body parts for person re-identification. *Neurocomputing*, **2020**, 407, 454-464	5.4	4
14	Playing FPS Games With Environment-Aware Hierarchical Reinforcement Learning **2019**,		4
13	Resolution adaptive feature extracting and fusing framework for person re-identification. *Neurocomputing*, **2016**, 212, 65-74	5.4	4
12	Motion sketch based crowd video retrieval via motion structure coding **2016**,		3
11	Joint instance and feature importance re-weighting for person reidentification **2016**,		3
10	Semi-supervised Max-margin Topic Model with Manifold Posterior Regularization **2017**,		3
9	Interactive cell segmentation based on phase contrast optics. *Bio-Medical Materials and Engineering*, **2014**, 24, 29-35	1	2
8	Wireless adaptive network coding strategy in multiple-access relay channels **2012**,		2
7	Efficient and Robust Semi-supervised Learning Over a Sparse-Regularized Graph. *Lecture Notes in Computer Science*, **2016**, 583-598	0.9	2
6	Cell segmentation via spectral analysis on phase retardation features **2013**,		1
5	Efficient phase contrast microscopy restoration applied for muscle myotube detection. *Lecture Notes in Computer Science*, **2013**, 16, 420-7	0.9	1
4	GlobalInsight: An LSTM Based Model for Multi-Vehicle Trajectory Prediction **2020**,		1

3   Recognizing Facial Sketches by Generating Photorealistic Faces Guided by Descriptive Attributes.
     IEEE Access, **2018**, 6, 77568-77580   3.5   1

2   Toward Accurate Visual Reasoning With Dual-Path Neural Module Networks. *Frontiers in Robotics
     and AI*, **2020**, 7, 109   2.8

1   Microscopy image formation, restoration, and segmentation **2021**, 13-41