

# Ping Luo

## List of Publications by Citations

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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.

76  
papers

7,138  
citations

32  
h-index

79  
g-index

79  
ext. papers

10,017  
ext. citations

6.4  
avg, IF

6.55  
L-index

#	Paper	IF	Citations
76	Deep Learning Face Attributes in the Wild <b>2015</b> ,		1779
75	DeepFashion: Powering Robust Clothes Recognition and Retrieval with Rich Annotations <b>2016</b> ,		539
74	WIDER FACE: A Face Detection Benchmark <b>2016</b> ,		498
73	Facial Landmark Detection by Deep Multi-task Learning. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 94-108.9	0.9	409
72	A large-scale car dataset for fine-grained categorization and verification <b>2015</b> ,		335
71	Semantic Image Segmentation via Deep Parsing Network <b>2015</b> ,		330
70	From Facial Parts Responses to Face Detection: A Deep Learning Approach <b>2015</b> ,		254
69	Deep Learning Strong Parts for Pedestrian Detection <b>2015</b> ,		240
68	Learning Deep Representation for Face Alignment with Auxiliary Attributes. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2016</b> , 38, 918-30	13.3	237
67	Pedestrian detection aided by deep learning semantic tasks <b>2015</b> ,		198
66	Deep Learning Identity-Preserving Face Space <b>2013</b> ,		174
65	Pedestrian Attribute Recognition At Far Distance <b>2014</b> ,		159
64	A Large-scale, multicenter serum metabolite biomarker identification study for the early detection of hepatocellular carcinoma. <i>Hepatology</i> , <b>2018</b> , 67, 662-675	11.2	152
63	Switchable Deep Network for Pedestrian Detection <b>2014</b> ,		127
62	Not All Pixels Are Equal: Difficulty-Aware Semantic Segmentation via Deep Layer Cascade <b>2017</b> ,		118
61	Two at Once: Enhancing Learning and Generalization Capacities via IBN-Net. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 484-500	0.9	111
60	From Facial Expression Recognition to Interpersonal Relation Prediction. <i>International Journal of Computer Vision</i> , <b>2018</b> , 126, 550-569	10.6	102

59	Clothing Co-parsing by Joint Image Segmentation and Labeling <b>2014</b> ,		94
58	Deep Self-Learning From Noisy Labels <b>2019</b> ,		87
57	<b>2019</b> ,		79
56	Talking Face Generation by Adversarially Disentangled Audio-Visual Representation. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , <b>2019</b> , 33, 9299-9306	5	78
55	Multiple reaction monitoring-ion pair finder: a systematic approach to transform nontargeted mode to pseudotargeted mode for metabolomics study based on liquid chromatography-mass spectrometry. <i>Analytical Chemistry</i> , <b>2015</b> , 87, 5050-5	7.8	74
54	Learning Social Relation Traits from Face Images <b>2015</b> ,		70
53	Pedestrian Parsing via Deep Decompositional Network <b>2013</b> ,		68
52	FaceID-GAN: Learning a Symmetry Three-Player GAN for Identity-Preserving Face Synthesis <b>2018</b> ,		67
51	Fashion Landmark Detection in the Wild. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 229-245	0.9	63
50	Deep Learning Markov Random Field for Semantic Segmentation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2018</b> , 40, 1814-1828	13.3	60
49	A Deep Sum-Product Architecture for Robust Facial Attributes Analysis <b>2013</b> ,		53
48	PVT v2: Improved baselines with Pyramid Vision Transformer. <i>Computational Visual Media</i> , 1	3.9	53
47	Representing and recognizing objects with massive local image patches. <i>Pattern Recognition</i> , <b>2012</b> , 45, 231-240	7.7	42
46	Cross-Domain Learning from Multiple Sources: A Consensus Regularization Perspective. <i>IEEE Transactions on Knowledge and Data Engineering</i> , <b>2010</b> , 22, 1664-1678	4.2	40
45	Deep Dual Learning for Semantic Image Segmentation <b>2017</b> ,		38
44	Metabolomics Study of Roux-en-Y Gastric Bypass Surgery (RYGB) to Treat Type 2 Diabetes Patients Based on Ultrapformance Liquid Chromatography-Mass Spectrometry. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 1288-99	5.6	32
43	Optimization of large-scale pseudotargeted metabolomics method based on liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , <b>2016</b> , 1437, 127-136	4.5	29
42	Unconstrained Fashion Landmark Detection via Hierarchical Recurrent Transformer Networks <b>2017</b> ,		26

41	Fashion Retrieval via Graph Reasoning Networks on a Similarity Pyramid <b>2019</b> ,		26
40	Learning Object Interactions and Descriptions for Semantic Image Segmentation <b>2017</b> ,		23
39	Joint Face Representation Adaptation and Clustering in Videos. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 236-251	0.9	19
38	A high throughput metabolomics method and its application in female serum samples in a normal menstrual cycle based on liquid chromatography-mass spectrometry. <i>Talanta</i> , <b>2018</b> , 185, 483-490	6.2	18
37	Vision-Infused Deep Audio Inpainting <b>2019</b> ,		18
36	Plasma metabolomic profiling of patients recovered from COVID-19 with pulmonary sequelae 3 months after discharge. <i>Clinical Infectious Diseases</i> , <b>2021</b> ,	11.6	18
35	The multifaceted roles of FOXM1 in pulmonary disease. <i>Cell Communication and Signaling</i> , <b>2019</b> , 17, 35	7.5	16
34	Switchable Whitening for Deep Representation Learning <b>2019</b> ,		16
33	Switchable Normalization for Learning-to-Normalize Deep Representation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2021</b> , 43, 712-728	13.3	15
32	Serum Metabolomics Study of Gliclazide-Modified-Release-Treated Type 2 Diabetes Mellitus Patients Using a Gas Chromatography-Mass Spectrometry Method. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 1575-1585	5.6	14
31	Parser-Free Virtual Try-on via Distilling Appearance Flows <b>2021</b> ,		14
30	Whole-Body Human Pose Estimation in the Wild. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 196-214	0.9	14
29	Metabolic characteristics of large and small extracellular vesicles from pleural effusion reveal biomarker candidates for the diagnosis of tuberculosis and malignancy. <i>Journal of Extracellular Vesicles</i> , <b>2020</b> , 9, 1790158	16.4	13
28	Potential roles of IL-1 subfamily members in glycolysis in disease. <i>Cytokine and Growth Factor Reviews</i> , <b>2018</b> , 44, 18-27	17.9	13
27	Representation Learning via Semi-Supervised Autoencoder for Multi-task Learning <b>2015</b> ,		10
26	The role of adrenergic receptors in lung cancer. <i>American Journal of Cancer Research</i> , <b>2018</b> , 8, 2227-2237	4.4	9
25	Sample-directed pseudotargeted method for the metabolic profiling analysis of rice seeds based on liquid chromatography with mass spectrometry. <i>Journal of Separation Science</i> , <b>2016</b> , 39, 247-55	3.4	8
24	Hepatocyte growth factor gene-modified bone marrow-derived mesenchymal stem cells transplantation promotes angiogenesis in a rat model of hindlimb ischemia. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , <b>2013</b> , 33, 511-519		8

23	Learning Compositional Shape Models of Multiple Distance Metrics by Information Projection. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2016</b> , 27, 1417-28	10.3	6
22	A novel analysis method for biomarker identification based on horizontal relationship: identifying potential biomarkers from large-scale hepatocellular carcinoma metabolomics data. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 6377-6386	4.4	6
21	Disentangled Cycle Consistency for Highly-realistic Virtual Try-On <b>2021</b> ,		6
20	Webly Supervised Image Classification with Self-contained Confidence. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 779-795	0.9	4
19	Identification of robust genetic signatures associated with lipopolysaccharide-induced acute lung injury onset and astaxanthin therapeutic effects by integrative analysis of RNA sequencing data and GEO datasets. <i>Aging</i> , <b>2020</b> , 12, 18716-18740	5.6	3
18	An Integrative Transcriptomic and Metabolomic Study Revealed That Melatonin Plays a Protective Role in Chronic Lung Inflammation by Reducing Necroptosis. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 668002	8.4	3
17	Characteristics of mental health implications and plasma metabolomics in patients recently recovered from COVID-19. <i>Translational Psychiatry</i> , <b>2021</b> , 11, 307	8.6	3
16	Proteomics of extracellular vesicles in plasma reveals the characteristics and residual traces of COVID-19 patients without underlying diseases after 3 months of recovery. <i>Cell Death and Disease</i> , <b>2021</b> , 12, 541	9.8	3
15	Plasma Metabolomic Profiles in Recovered COVID-19 Patients without Previous Underlying Diseases 3 Months After Discharge. <i>Journal of Inflammation Research</i> , <b>2021</b> , 14, 4485-4501	4.8	3
14	High-throughput metabolic profiling based on small amount of hepatic cells. <i>Electrophoresis</i> , <b>2017</b> , 38, 2296-2303	3.6	2
13	A new data analysis method based on feature linear combination. <i>Journal of Biomedical Informatics</i> , <b>2019</b> , 94, 103173	10.2	2
12	Hierarchical face parsing via deep learning <b>2012</b> ,		2
11	Changes in glomerular filtration rate and metabolomic differences in severely ill coronavirus disease survivors 3 months after discharge. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2022</b> , 1868, 166289	6.9	2
10	Deep Learning Face Attributes for Detection and Alignment. <i>Advances in Computer Vision and Pattern Recognition</i> , <b>2017</b> , 181-214	1.1	1
9	DeepID-Net: Object Detection with Deformable Part Based Convolutional Neural Networks		1
8	SSN: Learning Sparse Switchable Normalization via SparsestMax. <i>International Journal of Computer Vision</i> , <b>2020</b> , 128, 2107-2125	10.6	1
7	Image Deblurring Aided by Low-Resolution Events. <i>Electronics (Switzerland)</i> , <b>2022</b> , 11, 631	2.6	1
6	Face Localization and Enhancement <b>2020</b> , 29-45		0

- 5 Instance-Level Human Parsing **2020**, 69-83 ○
- 4 vPipe: A Virtualized Acceleration System for Achieving Efficient and Scalable Pipeline Parallel DNN Training. *IEEE Transactions on Parallel and Distributed Systems*, **2022**, 33, 489-506 3.7 ○
- 3 Reply. *Hepatology*, **2018**, 67, 2483-2484 11.2
- 2 Human Activity Understanding **2020**, 135-156
- 1 Human-Centric Visual Analysis: Tasks and Progress **2020**, 15-25