

Ping Luo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5595320/publications.pdf>

Version: 2024-02-01

78
papers

13,132
citations

331259

21
h-index

276539

41
g-index

79
all docs

79
docs citations

79
times ranked

8494
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning Face Attributes in the Wild. , 2015, , .		3,518
2	DeepFashion: Powering Robust Clothes Recognition and Retrieval with Rich Annotations. , 2016, , .		1,012
3	WIDER FACE: A Face Detection Benchmark. , 2016, , .		1,011
4	Facial Landmark Detection by Deep Multi-task Learning. Lecture Notes in Computer Science, 2014, , 94-108.	1.0	665
5	A large-scale car dataset for fine-grained categorization and verification. , 2015, , .		521
6	PVT v2: Improved baselines with Pyramid Vision Transformer. Computational Visual Media, 2022, 8, 415-424.	10.8	487
7	Semantic Image Segmentation via Deep Parsing Network. , 2015, , .		428
8	From Facial Parts Responses to Face Detection: A Deep Learning Approach. , 2015, , .		362
9	Deep Learning Strong Parts for Pedestrian Detection. , 2015, , .		348
10	Learning Deep Representation for Face Alignment with Auxiliary Attributes. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 918-930.	9.7	321
11	Two at Once: Enhancing Learning and Generalization Capacities via IBN-Net. Lecture Notes in Computer Science, 2018, , 484-500.	1.0	320
12	Pedestrian Attribute Recognition At Far Distance. , 2014, , .		284
13	Pedestrian detection aided by deep learning semantic tasks. , 2015, , .		268
14	A Large-scale, multicenter serum metabolite biomarker identification study for the early detection of hepatocellular carcinoma. Hepatology, 2018, 67, 662-675.	3.6	268
15	Deep Learning Identity-Preserving Face Space. , 2013, , .		226
16	Talking Face Generation by Adversarially Disentangled Audio-Visual Representation. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 9299-9306.	3.6	222
17	DeepFashion2: A Versatile Benchmark for Detection, Pose Estimation, Segmentation and Re-Identification of Clothing Images. , 2019, , .		193
18	From Facial Expression Recognition to Interpersonal Relation Prediction. International Journal of Computer Vision, 2018, 126, 550-569.	10.9	185

#	ARTICLE	IF	CITATIONS
19	Deep Self-Learning From Noisy Labels. , 2019, , .		171
20	Not All Pixels Are Equal: Difficulty-Aware Semantic Segmentation via Deep Layer Cascade. , 2017, , .		167
21	Switchable Deep Network for Pedestrian Detection. , 2014, , .		165
22	Clothing Co-parsing by Joint Image Segmentation and Labeling. , 2014, , .		133
23	Multiple Reaction Monitoring-Ion Pair Finder: A Systematic Approach To Transform Nontargeted Mode to Pseudotargeted Mode for Metabolomics Study Based on Liquid Chromatographyâ€“Mass Spectrometry. Analytical Chemistry, 2015, 87, 5050-5055.	3.2	119
24	Learning Social Relation Traits from Face Images. , 2015, , .		105
25	FaceID-GAN: Learning a Symmetry Three-Player GAN for Identity-Preserving Face Synthesis. , 2018, , .		105
26	Fashion Landmark Detection in the Wild. Lecture Notes in Computer Science, 2016, , 229-245.	1.0	104
27	Deep Learning Markov Random Field for Semantic Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2018, 40, 1814-1828.	9.7	99
28	Pedestrian Parsing via Deep Decompositional Network. , 2013, , .		91
29	Parser-Free Virtual Try-on via Distilling Appearance Flows. , 2021, , .		71
30	Whole-Body Human Pose Estimation in the Wild. Lecture Notes in Computer Science, 2020, , 196-214.	1.0	69
31	A Deep Sum-Product Architecture for Robust Facial Attributes Analysis. , 2013, , .		61
32	Switchable Whitening for Deep Representation Learning. , 2019, , .		60
33	Deep Dual Learning for Semantic Image Segmentation. , 2017, , .		59
34	Cross-Domain Learning from Multiple Sources: A Consensus Regularization Perspective. IEEE Transactions on Knowledge and Data Engineering, 2010, 22, 1664-1678.	4.0	56
35	Fashion Retrieval via Graph Reasoning Networks on a Similarity Pyramid. , 2019, , .		55
36	Vision-Infused Deep Audio Inpainting. , 2019, , .		52

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37	Metabolomics Study of Roux-en-Y Gastric Bypass Surgery (RYGB) to Treat Type 2 Diabetes Patients Based on Ultraperformance Liquid Chromatography–Mass Spectrometry. <i>Journal of Proteome Research</i> , 2016, 15, 1288-1299.	1.8	48
38	Switchable Normalization for Learning-to-Normalize Deep Representation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2021, 43, 712-728.	9.7	46
39	Disentangled Cycle Consistency for Highly-realistic Virtual Try-On. , 2021, , .		45
40	Representing and recognizing objects with massive local image patches. <i>Pattern Recognition</i> , 2012, 45, 231-240.	5.1	44
41	Optimization of large-scale pseudotargeted metabolomics method based on liquid chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1437, 127-136.	1.8	44
42	Unconstrained Fashion Landmark Detection via Hierarchical Recurrent Transformer Networks. , 2017, , .		43
43	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> , 2020, 9, 1790158.	5.5	39
44	Plasma Metabolomic Profiling of Patients Recovered From Coronavirus Disease 2019 (COVID-19) With Pulmonary Sequelae 3 Months After Discharge. <i>Clinical Infectious Diseases</i> , 2021, 73, 2228-2239.	2.9	39
45	The multifaceted roles of FOXM1 in pulmonary disease. <i>Cell Communication and Signaling</i> , 2019, 17, 35.	2.7	34
46	Hierarchical face parsing via deep learning. , 2012, , .		30
47	Learning Object Interactions and Descriptions for Semantic Image Segmentation. , 2017, , .		29
48	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> , 2018, 185, 483-490.	2.9	26
49	Potential roles of IL-1 subfamily members in glycolysis in disease. <i>Cytokine and Growth Factor Reviews</i> , 2018, 44, 18-27.	3.2	26
50	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> , 2021, 12, 541.	2.7	25
51	Joint Face Representation Adaptation and Clustering in Videos. <i>Lecture Notes in Computer Science</i> , 2016, , 236-251.	1.0	22
52	Plasma Metabolomic Profiles in Recovered COVID-19 Patients without Previous Underlying Diseases 3 Months After Discharge. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 4485-4501.	1.6	22
53	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> , 2021, 12, 668002.	2.2	20
54	Serum Metabolomics Study of Glipizide-Modified-Release-Treated Type 2 Diabetes Mellitus Patients Using a Gas Chromatography–Mass Spectrometry Method. <i>Journal of Proteome Research</i> , 2018, 17, 1575-1585.	1.8	17

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55	Representation Learning via Semi-Supervised Autoencoder for Multi-task Learning. , 2015, , .		16
56	Characteristics of mental health implications and plasma metabolomics in patients recently recovered from COVID-19. Translational Psychiatry, 2021, 11, 307.	2.4	15
57	Hepatocyte growth factor gene-modified bone marrow-derived mesenchymal stem cells transplantation promotes angiogenesis in a rat model of hindlimb ischemia. Journal of Huazhong University of Science and Technology [Medical Sciences], 2013, 33, 511-519.	1.0	13
58	A novel analysis method for biomarker identification based on horizontal relationship: identifying potential biomarkers from large-scale hepatocellular carcinoma metabolomics data. Analytical and Bioanalytical Chemistry, 2019, 411, 6377-6386.	1.9	13
59	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.	4.0	12
60	Sample-directed pseudotargeted method for the metabolic profiling analysis of rice seeds based on liquid chromatography with mass spectrometry. Journal of Separation Science, 2016, 39, 247-255.	1.3	10
61	Exemplar Normalization for Learning Deep Representation. , 2020, , .		10
62	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. Aging, 2020, 12, 18716-18740.	1.4	10
63	Webly Supervised Image Classification with Self-contained Confidence. Lecture Notes in Computer Science, 2020, , 779-795.	1.0	9
64	The role of adrenergic receptors in lung cancer. American Journal of Cancer Research, 2018, 8, 2227-2237.	1.4	9
65	Changes in glomerular filtration rate and metabolomic differences in severely ill coronavirus disease survivors 3Amonths after discharge. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166289.	1.8	8
66	Learning Compositional Shape Models of Multiple Distance Metrics by Information Projection. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1417-1428.	7.2	7
67	A new data analysis method based on feature linear combination. Journal of Biomedical Informatics, 2019, 94, 103173.	2.5	5
68	Image Deblurring Aided by Low-Resolution Events. Electronics (Switzerland), 2022, 11, 631.	1.8	4
69	High-throughput metabolic profiling based on small amount of hepatic cells. Electrophoresis, 2017, 38, 2296-2303.	1.3	3
70	SSN: Learning Sparse Switchable Normalization via SparsestMax. International Journal of Computer Vision, 2020, 128, 2107-2125.	10.9	3
71	Deep Learning Face Attributes for Detection and Alignment. Advances in Computer Vision and Pattern Recognition, 2017, , 181-214.	0.9	1
72	DeepID-Net: Object Detection with Deformable Part Based Convolutional Neural Networks. , 0, .		1

#	ARTICLE	IF	CITATIONS
73	Face Localization and Enhancement. , 2020, , 29-45.		1
74	Instance-Level Human Parsing. , 2020, , 69-83.		1
75	MetaCloth: Learning Unseen Tasks of Dense Fashion Landmark Detection From a Few Samples. IEEE Transactions on Image Processing, 2022, 31, 1120-1133.	6.0	1
76	Reply. Hepatology, 2018, 67, 2483-2484.	3.6	0
77	Human Activity Understanding. , 2020, , 135-156.		0
78	Human-Centric Visual Analysis: Tasks and Progress. , 2020, , 15-25.		0