Cewu Lu

List of Publications by Year
in descending order

		840776	888059
30 papers	2,884 citations	11 h-index	17 g-index
30 all docs	30 docs citations	30 times ranked	1742 citing authors

#	ARTICLE	IF	CITATIONS
1	Attribute Restoration Framework for Anomaly Detection. IEEE Transactions on Multimedia, 2022, 24, 116-127.	7.2	55
2	Unified and Fast Human Trajectory Prediction Via Conditionally Parameterized Normalizing Flow. IEEE Robotics and Automation Letters, 2022, 7, 842-849.	5.1	3
3	Pseudo View Representation Learning for Monocular RGB-D Human Pose and Shape Estimation. IEEE Signal Processing Letters, 2022, 29, 712-716.	3.6	1
4	Toward Real-World Category-Level Articulation Pose Estimation. IEEE Transactions on Image Processing, 2022, 31, 1072-1083.	9.8	10
5	Cortical ensembles orchestrate social competition through hypothalamic outputs. Nature, 2022, 603, 667-671.	27.8	64
6	TransCG: A Large-Scale Real-World Dataset for Transparent Object Depth Completion and a Grasping Baseline. IEEE Robotics and Automation Letters, 2022, 7, 7383-7390.	5.1	33
7	SAGCI-System: Towards Sample-Efficient, Generalizable, Compositional, and Incremental Robot Learning. , 2022, , .		3
8	Transferable Interactiveness Knowledge for Human-Object Interaction Detection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2021, PP, 1-1.	13.9	12
9	SuctionNet-1Billion: A Large-Scale Benchmark for Suction Grasping. IEEE Robotics and Automation Letters, 2021, 6, 8718-8725.	5.1	25
10	6-PACK: Category-level 6D Pose Tracker with Anchor-Based Keypoints. , 2020, , .		87
11	NTIRE 2020 Challenge on Video Quality Mapping: Methods and Results. , 2020, , .		11
12	Recursive Social Behavior Graph for Trajectory Prediction. , 2020, , .		97
13	TubeTK: Adopting Tubes to Track Multi-Object in a One-Step Training Model. , 2020, , .		182
14	GraspNet-1Billion: A Large-Scale Benchmark for General Object Grasping. , 2020, , .		182
15	FPHA-Afford: A Domain-Specific Benchmark Dataset for Occluded Object Affordance Estimation in Human-Object-Robot Interaction. , 2020, , .		2
16	Outdoor RGBD Instance Segmentation With Residual Regretting Learning. IEEE Transactions on Image Processing, 2020, 29, 5301-5309.	9.8	6
17	HMOR: Hierarchical Multi-person Ordinal Relations for Monocular Multi-person 3D Pose Estimation. Lecture Notes in Computer Science, 2020, , 242-259.	1.3	22
18	Relative CNN-RNN: Learning Relative Atmospheric Visibility From Images. IEEE Transactions on Image Processing, 2019, 28, 45-55.	9.8	59

#	Article	IF	Citations
19	Transferable Trial-Minimizing Progressive Peg-in-hole Model. , 2019, , .		2
20	TendencyRL: Multi-stage Discriminative Hints for Efficient Goal-Oriented Reverse Curriculum Learning. , 2019, , .		2
21	Explicit Shape Encoding for Real-Time Instance Segmentation. , 2019, , .		63
22	DenseFusion: 6D Object Pose Estimation by Iterative Dense Fusion. , 2019, , .		582
23	InstaBoost: Boosting Instance Segmentation via Probability Map Guided Copy-Pasting. , 2019, , .		108
24	Fast Abnormal Event Detection. International Journal of Computer Vision, 2019, 127, 993-1011.	15.6	16
25	Real-Time Video Stylization Using Object Flows. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 2051-2063.	4.4	4
26	SRDA: Generating Instance Segmentation Annotation via Scanning, Reasoning and Domain Adaptation. Lecture Notes in Computer Science, 2018, , 124-140.	1.3	11
27	Pairwise Body-Part Attention for Recognizing Human-Object Interactions. Lecture Notes in Computer Science, 2018, , 52-68.	1.3	70
28	RSCM: Region Selection and Concurrency Model for Multi-Class Weather Recognition. IEEE Transactions on Image Processing, 2017, 26, 4154-4167.	9.8	44
29	Two-Class Weather Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 2510-2524.	13.9	43
30	RMPE: Regional Multi-person Pose Estimation. , 2017, , .		1,085