Leonid Sigal

List of Publications by Year
in descending order

21 papers	2,401 citations	840776 11 h-index	1199594 12 g-index
21 all docs	21 docs citations	21 times ranked	1720 citing authors

#	Article	IF	Citations
1	HumanEva: Synchronized Video and Motion Capture Dataset and Baseline Algorithm for Evaluation of Articulated HumanÂMotion. International Journal of Computer Vision, 2010, 87, 4-27.	15.6	851
2	Detailed Human Shape and Pose from Images. , 2007, , .		188
3	Skin color-based video segmentation under time-varying illumination. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 862-877.	13.9	180
4	Multilevel Language and Vision Integration for Text-to-Clip Retrieval. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 9062-9069.	4.9	172
5	Poselet Key-Framing: A Model for Human Activity Recognition. , 2013, , .		161
6	Implicit Probabilistic Models of Human Motion for Synthesis and Tracking. Lecture Notes in Computer Science, 2002, , 784-800.	1.3	159
7	Loose-limbed People: Estimating 3D Human Pose and Motion Using Non-parametric Belief Propagation. International Journal of Computer Vision, 2012, 98, 15-48.	15.6	120
8	Dynamical binary latent variable models for 3D human pose tracking. , 2010, , .		87
9	Physical simulation for probabilistic motion tracking. , 2008, , .		80
10	Guest Editorial: State of the Art in Image- and Video-Based Human Pose and Motion Estimation. International Journal of Computer Vision, 2010, 87, 1-3.	15.6	77
11	Estimating contact dynamics. , 2009, , .		72
12	Predicting 3D People from 2D Pictures. Lecture Notes in Computer Science, 2006, , 185-195.	1.3	56
13	Video-based 3D motion capture through biped control. ACM Transactions on Graphics, 2012, 31, 1-12.	7.2	35
14	Space-time tree ensemble for action recognition. , 2015, , .		35
15	G3raphGround: Graph-Based Language Grounding. , 2019, , .		34
16	No Bias Left behind: Covariate Shift Adaptation for Discriminative 3D Pose Estimation. Lecture Notes in Computer Science, 2012, , 674-687.	1.3	23
17	Human attributes from 3D pose tracking. Computer Vision and Image Understanding, 2012, 116, 648-660.	4.7	21
18	Domain Adaptation for Structured Regression. International Journal of Computer Vision, 2014, 109, 126-145.	15.6	19

#	Article	IF	Citations
19	Expanding object detector's Horizon: Incremental learning framework for object detection in videos. , 2015, , .		17
20	Space-Time Tree Ensemble for Action Recognition and Localization. International Journal of Computer Vision, 2018, 126, 314-332.	15.6	11
21	Benchmark Datasets for Pose Estimation and Tracking. , 2011, , 253-275.		3