Axel Pinz

List of Publications by Year
in descending order

21 papers	3,389 citations	687363 13 h-index	794594 19 g-index
23 all docs	23 docs citations	23 times ranked	2751 citing authors

#	Article	IF	Citations
1	Convolutional Two-Stream Network Fusion for Video Action Recognition. , 2016, , .		1,749
2	Spatiotemporal Multiplier Networks for Video Action Recognition. , 2017, , .		434
3	Generic object recognition with boosting. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2006, 28, 416-431.	13.9	292
4	Comparison of 4 methods for quantifying posterior capsule opacification. Journal of Cataract and Refractive Surgery, 2003, 29, 106-111.	1.5	119
5	Active object recognition by view integration and reinforcement learning. Robotics and Autonomous Systems, 2000, 31, 71-86.	5.1	103
6	Learning an Alphabet of Shape and Appearance for Multi-Class Object Detection. International Journal of Computer Vision, 2008, 80, 16-44.	15.6	81
7	An automatic assessment scheme for steel quality inspection. Machine Vision and Applications, 2000, 12, 113-128.	2.7	74
8	Reproducibility of standardized retroillumination photography for quantification of posterior capsule opacification. Journal of Cataract and Refractive Surgery, 2002, 28, 265-270.	1.5	70
9	A comparison of three uncertainty calculi for building sonar-based occupancy grids. Robotics and Autonomous Systems, 2001, 35, 201-209.	5.1	69
10	Removal of Reflections in the Photographic Assessment of PCO by Fusion of Digital Retroillumination Images. , 2003, 44, 275.		36
11	Active fusion - A new method applied to remote sensing image interpretation. Pattern Recognition Letters, 1996, 17, 1349-1359.	4.2	29
12	Exploiting temporal and spatial constraints in traffic sign detection from a moving vehicle. Machine Vision and Applications, 2014, 25, 649-665.	2.7	27
13	A level set framework using a new incremental, robust Active Shape Model for object segmentation and tracking. Image and Vision Computing, 2009, 27, 1157-1168.	4.5	21
14	Multi-scale 3D rock-art recording. Digital Applications in Archaeology and Cultural Heritage, 2015, 2, 181-195.	1.3	18
15	A Flexible Software Architecture for Hybrid Tracking. Journal of Field Robotics, 2004, 21, 53-62.	0.7	16
16	Dynamically encoded actions based on spacetime saliency. , 2015, , .		15
17	Deep Insights into Convolutional Networks for Video Recognition. International Journal of Computer Vision, 2020, 128, 420-437.	15.6	14
18	Representations for Cognitive Vision:A Review of Appearance-Based, Spatio-Temporal, and Graph-Based Approaches. Electronic Letters on Computer Vision and Image Analysis, 2008, 7, 35.	0.6	11

#	Article	IF	Citations
19	A Multiphase Level Set Based Segmentation Framework with Pose Invariant Shape Priors. Lecture Notes in Computer Science, 2006, , 395-404.	1.3	10
20	Synthesizing realistic facial animations using energy minimization for model-based coding. Pattern Recognition, 2001, 34, 2201-2213.	8.1	6
21	Multiregion Level Set Tracking with Transformation Invariant Shape Priors. Lecture Notes in Computer Science, 2006, , 674-683.	1.3	6