Michael Lindenbaum

List of Publications by Year
in descending order

24 papers	940 citations	687220 13 h-index	794469 19 g-index
24 all docs	24 docs citations	24 times ranked	803 citing authors

#	Article	IF	Citations
1	DPDist: Comparing Point Clouds Using Deep Point Cloud Distance. Lecture Notes in Computer Science, 2020, , 545-560.	1.0	16
2	3DmFV: Three-Dimensional Point Cloud Classification in Real-Time Using Convolutional Neural Networks. IEEE Robotics and Automation Letters, 2018, 3, 3145-3152.	3.3	157
3	Local Variation as a Statistical Hypothesis Test. International Journal of Computer Vision, 2016, 117, 131-141.	10.9	2
4	Beyond Independence: An Extension of the A Contrario Decision Procedure. International Journal of Computer Vision, 2013, 101, 22-44.	10.9	14
5	Nonnegative Matrix Factorization with Earth Mover's Distance Metric for Image Analysis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 1590-1602.	9.7	158
6	Mean Shift tracking with multiple reference color histograms. Computer Vision and Image Understanding, 2010, 114, 400-408.	3.0	113
7	Optimizing Gabor Filter Design for Texture Edge Detection andÂClassification. International Journal of Computer Vision, 2009, 84, 308-324.	10.9	14
8	Nonnegative Matrix Factorization with Earth Mover's Distance metric. , 2009, , .		16
9	Tracking by Affine Kernel Transformations Using Color and Boundary Cues. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2009, 31, 164-171.	9.7	50
10	Unsupervised estimation of segmentation quality using nonnegative factorization. , 2008, , .		3
11	Generalised blind sampling of images. , 2008, , .		1
12	Adaptive Range Sampling Using a Stochastic Model. Journal of Computing and Information Science in Engineering, 2007, 7, 20-25.	1.7	6
13	The Analysis of Saliency Processes and its Application to Grouping Cues Design. , 2007, , .		1
14	A General Framework for Combining Visual Trackers â€" The "Black Boxes" Approach. International Journal of Computer Vision, 2006, 67, 343-363.	10.9	34
15	Selective Sampling for Nearest Neighbor Classifiers. Machine Learning, 2004, 54, 125-152.	3.4	133
16	On the Performance of Connected Components Grouping. International Journal of Computer Vision, 2001, 41, 195-216.	10.9	5
17	ANTS: Agents on Networks, Trees, and Subgraphs. Future Generation Computer Systems, 2000, 16, 915-926.	4.9	30
18	Shape Reconstruction of 3D Bilaterally Symmetric Surfaces. International Journal of Computer Vision, 2000, 39, 97-110.	10.9	47

#	Article	IF	Citations
19	Robotic Control with Partial Visual Information. International Journal of Computer Vision, 2000, 37, 65-78.	10.9	6
20	VC-Dimension Analysis of Object Recognition Tasks. Journal of Mathematical Imaging and Vision, 1999, 10, 27-49.	0.8	1
21	Localization vs. Identification of Semi-Algebraic Sets. Machine Learning, 1998, 32, 207-224.	3.4	10
22	Efficiently searching a graph by a smell-oriented vertex process. Annals of Mathematics and Artificial Intelligence, 1998, 24, 211-223.	0.9	72
23	Learning Distributions by Their Density Levels: A Paradigm for Learning without a Teacher. Journal of Computer and System Sciences, 1997, 55, 171-182.	0.9	41
24	Localization vs. identification of semi-algebraic sets. , 1993, , .		10