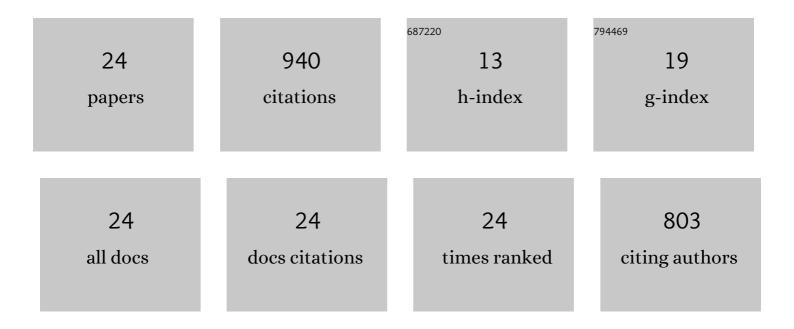
Michael Lindenbaum

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | 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 |
| 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 | Selective Sampling for Nearest Neighbor Classifiers. Machine Learning, 2004, 54, 125-152. | 3.4 | 133 |
| 4 | Mean Shift tracking with multiple reference color histograms. Computer Vision and Image Understanding, 2010, 114, 400-408. | 3.0 | 113 |
| 5 | Efficiently searching a graph by a smell-oriented vertex process. Annals of Mathematics and Artificial Intelligence, 1998, 24, 211-223. | 0.9 | 72 |
| 6 | 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 |
| 7 | Shape Reconstruction of 3D Bilaterally Symmetric Surfaces. International Journal of Computer Vision, 2000, 39, 97-110. | 10.9 | 47 |
| 8 | 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 |
| 9 | A General Framework for Combining Visual Trackers – The "Black Boxes" Approach. International Journal of Computer Vision, 2006, 67, 343-363. | 10.9 | 34 |
| 10 | ANTS: Agents on Networks, Trees, and Subgraphs. Future Generation Computer Systems, 2000, 16, 915-926. | 4.9 | 30 |
| 11 | Nonnegative Matrix Factorization with Earth Mover's Distance metric. , 2009, , . | | 16 |
| 12 | DPDist: Comparing Point Clouds Using Deep Point Cloud Distance. Lecture Notes in Computer Science, 2020, , 545-560. | 1.0 | 16 |
| 13 | Optimizing Gabor Filter Design for Texture Edge Detection andÂClassification. International Journal of Computer Vision, 2009, 84, 308-324. | 10.9 | 14 |
| 14 | Beyond Independence: An Extension of the A Contrario Decision Procedure. International Journal of Computer Vision, 2013, 101, 22-44. | 10.9 | 14 |
| 15 | Localization vs. identification of semi-algebraic sets. , 1993, , . | | 10 |
| 16 | Localization vs. Identification of Semi-Algebraic Sets. Machine Learning, 1998, 32, 207-224. | 3.4 | 10 |
| 17 | Robotic Control with Partial Visual Information. International Journal of Computer Vision, 2000, 37, 65-78. | 10.9 | 6 |
| 18 | Adaptive Range Sampling Using a Stochastic Model. Journal of Computing and Information Science in Engineering, 2007, 7, 20-25. | 1.7 | 6 |

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 19 | On the Performance of Connected Components Grouping. International Journal of Computer Vision, 2001, 41, 195-216. | 10.9 | 5 |
| 20 | Unsupervised estimation of segmentation quality using nonnegative factorization. , 2008, , . | | 3 |
| 21 | Local Variation as a Statistical Hypothesis Test. International Journal of Computer Vision, 2016, 117, 131-141. | 10.9 | 2 |
| 22 | VC-Dimension Analysis of Object Recognition Tasks. Journal of Mathematical Imaging and Vision, 1999, 10, 27-49. | 0.8 | 1 |
| 23 | The Analysis of Saliency Processes and its Application to Grouping Cues Design. , 2007, , . | | 1 |
| 24 | Generalised blind sampling of images. , 2008, , . | | 1 |