Michael Werman

List of Publications by Year
in descending order

37 papers	865 citations	12 h-index 759233	22 g-index 677142
37 all docs	37 docs citations	37 times ranked	630 citing authors

#	Article	IF	Citations
1	MS-Net: Multi-Source Spatio-Temporal Network for Traffic Flow Prediction. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 7142-7155.	8.0	19
2	Cameras Seeing Cameras Geometry. Advances in Applied Clifford Algebras, 2022, 32, 1.	1.0	3
3	Affine Invariants. , 2021, , 41-43.		0
4	Affine Invariants. , 2021, , 1-3.		0
5	Two View Constraints on the Epipoles from Few Correspondences. , 2018, , .		1
6	An Epipolar Line from a Single Pixel. , 2018, , .		2
7	Image Declipping with Deep Networks. , 2018, , .		4
8	Camera Calibration from Dynamic Silhouettes Using Motion Barcodes. , 2016, , .		16
9	Epipolar geometry based on line similarity. , 2016, , .		8
10	Intrinsic Volumes of Random Cubical Complexes. Discrete and Computational Geometry, 2016, 56, 93-113.	0.6	8
11	Efficient classification using the Euler characteristic. Pattern Recognition Letters, 2014, 49, 99-106.	4.2	34
12	Addressing The Inverse Problem of Imaging With â€˜Heavy Atomâ€™ Optics. , 2014, , .		0
13	Affine Invariants. , 2014, , 20-22.		0
14	Specular highlight enhancement from video sequences. , 2013, , .		6
15	The Generalized Laplacian Distance and Its Applications for Visual Matching. , 2013, , .		3
16	Contentâ€Aware Automatic Photo Enhancement. Computer Graphics Forum, 2012, 31, 2528-2540.	3.0	38
17	Noniterative Exact Solution to the Phase Problem in Optical Imaging Implemented with Scanning Probe Microscopy. ACS Nano, 2012, 6, 220-226.	14.6	10
18	Efficient and accurate Gaussian image filtering using running sums. , 2012, , .		15

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19	Addressing The Inverse Problem of Imaging With â€˜Heavy Atomâ€™ Optics. , 2012, , .		0
20	Cosine integral images for fast spatial and range filtering. , 2011, , .		26
21	Robust head pose estimation by fusing time-of-flight depth and color. , 2010, , .		9
22	Robust Real-Time Pattern Matching Using Bayesian Sequential Hypothesis Testing. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 1427-1443.	13.9	52
23	A Linear Time Histogram Metric for Improved SIFT Matching. Lecture Notes in Computer Science, 2008, , 495-508.	1.3	169
24	On using priors in affine matching. Image and Vision Computing, 2004, 22, 1157-1164.	4.5	9
25	An On-Line Agglomerative Clustering Method for Nonstationary Data. Neural Computation, 1999, 11, 521-540.	2.2	50
26	A Full Bayesian Approach to Curve and Surface Reconstruction. Journal of Mathematical Imaging and Vision, 1999, 11, 27-43.	1.3	9
27	Sub-pixel Bayesian estimation of albedo and height. International Journal of Computer Vision, 1996, 19, 289-300.	15.6	41
28	Constraint fusion for recognition and localization of articulated objects. International Journal of Computer Vision, 1996, 19, 5-28.	15.6	21
29	Relaxed parametric design with probabilistic constraints. CAD Computer Aided Design, 1994, 26, 426-434.	2.7	9
30	Affine point matching. Pattern Recognition Letters, 1994, 15, 337-339.	4.2	51
31	Stability and likelihood of views of three dimensional objects. Lecture Notes in Computer Science, 1994, , 24-35.	1.3	8
32	RECOGNITION OF AFFINE TRANSFORMED PLANAR CURVES BY EXTREMAL GEOMETRIC PROPERTIES. International Journal of Computational Geometry and Applications, 1993, 03, 183-202.	0.5	4
33	Matching Points into Pairwise-Disjoint Noise Regions: Combinatorial Bounds and Algorithms. ORSA Journal on Computing, 1992, 4, 375-386.	1.7	20
34	Gray level requantization. Computer Vision, Graphics, and Image Processing, 1988, 43, 81-87.	1.0	1
35	Bipartite graph matching for points on a line or a circle. Journal of Algorithms, 1986, 7, 277-284.	0.9	32
36	A distance metric for multidimensional histograms. Computer Vision, Graphics, and Image Processing, 1985, 32, 328-336.	1.0	126

#	Article	IF	Citations
37	Min-Max Operators in Texture Analysis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1985, PAMI-7, 730-733.	13.9	61