David B Cooper

List of Publications by Year
in descending order

18 papers	629 citations	1040056 9 h-index	1372567 10 g-index
18 all docs	18 docs citations	18 times ranked	237 citing authors

#	Article	IF	Citations
1	Solving Square Jigsaw Puzzle by Hierarchical Loop Constraints. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2222-2235.	13.9	13
2	Solving Small-Piece Jigsaw Puzzles by Growing Consensus. , 2016, , .		29
3	Solving Square Jigsaw Puzzles with Loop Constraints. Lecture Notes in Computer Science, 2014, , 32-46.	1.3	30
4	Axially Symmetric 3D Pots Configuration System Using Axis of Symmetry and Break Curve. , 2013, , .		30
5	Ray Markov Random Fields for image-based 3D modeling: Model and efficient inference. , 2010, , .		18
6	REVEAL intermediate report. , 2010, , .		7
7	Distributed volumetric scene geometry reconstruction with a network of distributed smart cameras. , 2009, , .		0
8	Computational reconstruction of ancient artifacts. IEEE Signal Processing Magazine, 2008, 25, 65-83.	5.6	56
9	NorMaL: Non-compact Markovian Likelihood for change detection. , 2008, , .		0
10	Estimating a-priori Unknown 3D Axially Symmetric Surfaces from Noisy Measurements of Their Fragments. , 2006, , .		9
11	Covariant-Conics Decomposition of Quartics for 2D Shape Recognition and Alignment. Journal of Mathematical Imaging and Vision, 2003, 19, 255-273.	1.3	6
12	On Interactive Object Shape Modeling Using Algebraic Curves. Journal of Signal Processing Systems, 1998, 20, 151-161.	1.0	0
13	Simple Parallel Hierarchical and Relaxation Algorithms for Segmenting Noncausal Markovian Random Fields. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1987, PAMI-9, 195-219.	13.9	192
14	On Optimally Combining Pieces of Information, with Application to Estimating 3-D Complex-Object Position from Range Data. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1986, PAMI-8, 619-638.	13.9	131
15	3-D Space Location and Orientation Parameter Estimation of Lambertian Spheres and Cylinders From a Single 2-D Image By Fitting Lines and Ellipses to Thresholded Data. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1984, PAMI-6, 430-441.	13.9	25
16	Multiple-Window Parallel Adaptive Boundary Finding in Computer Vision. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1983, PAMI-5, 299-316.	13.9	21
17	Implementation, Interpretation, and Analysis of a Suboptimal Boundary Finding Algorithm. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1982, PAMI-4, 167-182.	13.9	22
18	Maximum Likelihood Estimation of Markov-Process Blob Boundaries in Noisy Images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1979, PAMI-1, 372-384.	13.9	40