

Best Paper Award Pattern Recognition

Award no.	Authors	Title	Volume	Issue	Publication year
1	Y. Shirai and H. Inoue	Guiding a robot by visual feedback in assembling tasks	5	2	1973
2	J. W. McKee and J. K. Aggarwal	Finding the edges of the surfaces of three-dimensional curved objects by computer	7	1--2	1975
3	T. Uno, M. Ejiri and T. Tokunaga	A method of real-time recognition of moving objects and its application	8	4	1976
4	H. Wechsler and J. Sklansky	Finding the rib cage in chest radiographs	9	1	1977
5	G. T. Toussaint	The use of context in pattern recognition	10	3	1978
6	M. Aoki	Rectangular region coding for image data compression	11	5--6	1979
7	B. Duerr, W. Haettich, H. Tropf and G. Winkler	A combination of statistical and syntactical pattern recognition applied to classification of	12	3	1980
8	L. D. Harmon, M. K. Khan, Richard Lasch and P. F. Ramig	Machine identification of human faces	13	2	1981
9	R. B. Urquhart	Graph theoretical clustering based on limited neighbourhood sets	15	3	1982
10	R. H. Moss, C. M. Robinson, W. J. Poppelbaum	On-line recognition (OLREC): A novel approach to visual pattern recognition	16	6	1983
11	L. G. Shapiro, J. D. Moriarty, R. M. Haralick and P. G. Mulgaonkar	Matching three-dimensional objects using a relational paradigm	17	4	1984
12	M. Spann and R. Wilson	A quad-tree approach to image segmentation which combines statistical and spatial infor	18	3--4	1985
13	H.-L. Chou and W.-H. Tsai	A new approach to robot location by house corners	19	6	1986
14	A. K. Jain and J. V. Moreau	Bootstrap technique in cluster analysis	20	5	1987
15	H. H. Chen and T. S. Huang	Maximal matching of 3-D points for multiple-object motion estimation	21	2	1988
16	T.-C. Pong, R. M. Haralick and L. G. Shapiro	Shape from shading using the facet model	22	6	1989
17	E. R. Hancock and J. Kittler	Discrete relaxation	23	7	1990
18	A. K. Jain and F. Farrokhnia	Unsupervised texture segmentation using Gabor filters	24	12	1991
19	D. B. Goldgof, H. Lee and T. S. Huang	Matching and motion estimation of three-dimensional point and line sets using eigenstruc	25	3	1992
20	S. K. Nayar and R. M. Bolle	Computing reflectance ratios from an image	26	10	1993
21	G. Yang and T. S. Huang	Human face detection in a complex background	27	1	1994
22	M. Kobashi and L. G. Shapiro	Knowledge-based organ identification from CT images	28	4	1995
23	Y. Tan and H. Freeman	The surface-attribute probe—an "active-vision" approach to 3-D object characterization	29	4	1996
24	T. P. Minka and R. W. Picard	Interactive learning with a "society of models"	30	4	1997
25	L. J. Latecki and A. Rosenfeld	Supportedness and tameness differentialless geometry of plane curves	31	5	1998
26	L. Wiskott	Segmentation from motion: combining Gabor- and Mallat-wavelets to overcome the apert	32	10	1999
27	M. Kudo and J. Sklansky	Comparison of algorithms that select features for pattern classifiers	33	1	2000
28	A. Adán, C. Cerrada and V. Feliu	Global shape invariants: a solution for 3D free-form object discrimination/identification prc	34	7	2001

The Pattern Recognition Society Award is made annually for the best paper published in the journal Pattern Recognition.