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List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

627
citations

759233

12
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

370
citing authors

#	ARTICLE	IF	CITATIONS
1	An affine moment invariant for multi-component shapes. Measurement Science and Technology, 2022, 33, 017001.	2.6	0
2	Measuring how much an object has a ring-like shape. Measurement Science and Technology, 2021, 32, 047002.	2.6	0
3	Measuring Shapes with Desired Convex Polygons. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 1394-1407.	13.9	2
4	A multi-scale topological shape model for single and multiple component shapes. Journal of Visual Communication and Image Representation, 2019, 64, 102617.	2.8	1
5	Disconnectedness: A new moment invariant for multi-component shapes. Pattern Recognition, 2018, 78, 91-102.	8.1	18
6	Moment invariants for multi-component shapes with applications to leaf classification. Computers and Electronics in Agriculture, 2017, 142, 326-337.	7.7	22
7	Measuring linearity of curves in 2D and 3D. Pattern Recognition, 2016, 49, 65-78.	8.1	6
8	Note on the shape circularity measure method based on radial moments. Journal of Electronic Imaging, 2014, 23, 029701.	0.9	5
9	A Family of Shape Ellipticity Measures for Galaxy Classification. SIAM Journal on Imaging Sciences, 2013, 6, 765-781.	2.2	18
10	The number of configurations in lattice point counting II. Proceedings of the London Mathematical Society, 2013, 107, 1331-1352.	1.3	5
11	A family of cubeness measures. Machine Vision and Applications, 2012, 23, 751-760.	2.7	3
12	Measuring Squareness and Orientation of Shapes. Journal of Mathematical Imaging and Vision, 2011, 39, 13-27.	1.3	29
13	Orientation and anisotropy of multi-component shapes from boundary information. Pattern Recognition, 2011, 44, 2147-2160.	8.1	13
14	Measuring shape rectangularities. , 2011, , .		2
15	A Hu moment invariant as a shape circularity measure. Pattern Recognition, 2010, 43, 47-57.	8.1	147
16	The number of configurations in lattice point counting I. Forum Mathematicum, 2010, 22, .	0.7	6
17	An Alternative Approach to Computing Shape Orientation with an Application to Compound Shapes. International Journal of Computer Vision, 2009, 81, 138-154.	15.6	13
18	Measuring Elongation from Shape Boundary. Journal of Mathematical Imaging and Vision, 2008, 30, 73-85.	1.3	45

#	ARTICLE	IF	CITATIONS
19	On the Orientability of Shapes. IEEE Transactions on Image Processing, 2006, 15, 3478-3487.	9.8	55
20	Different Digitisations of Displaced Discs. Foundations of Computational Mathematics, 2006, 6, 255-268.	2.5	12
21	Measuring rectilinearity. Computer Vision and Image Understanding, 2005, 99, 175-188.	4.7	9
22	On the Number of Digital Discs. Journal of Mathematical Imaging and Vision, 2004, 21, 199-204.	1.3	8
23	On Encoding and Enumerating Threshold Functions. IEEE Transactions on Neural Networks, 2004, 15, 261-267.	4.2	21
24	A new convexity measure for polygons. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 923-934.	13.9	121
25	Multigrid Convergence of Calculated Features in Image Analysis. , 2000, 13, 173-191.		51
26	Notes on Optimal Convex Lattice Polygons. Bulletin of the London Mathematical Society, 1998, 30, 377-385.	0.8	7
27	2D Shape Measures for Computer Vision. , 0, , 347-371.		8