

JoviÅja Å¹/₂uniÄ

List of Publications by Year in descending order

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27
papers

627
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759233

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all docs

27
docs citations

27
times ranked

370
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A Hu moment invariant as a shape circularity measure. Pattern Recognition, 2010, 43, 47-57. | 8.1 | 147 |
| 2 | A new convexity measure for polygons. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2004, 26, 923-934. | 13.9 | 121 |
| 3 | On the Orientability of Shapes. IEEE Transactions on Image Processing, 2006, 15, 3478-3487. | 9.8 | 55 |
| 4 | Multigrid Convergence of Calculated Features in Image Analysis. , 2000, 13, 173-191. | | 51 |
| 5 | Measuring Elongation from Shape Boundary. Journal of Mathematical Imaging and Vision, 2008, 30, 73-85. | 1.3 | 45 |
| 6 | Measuring Squareness and Orientation of Shapes. Journal of Mathematical Imaging and Vision, 2011, 39, 13-27. | 1.3 | 29 |
| 7 | Moment invariants for multi-component shapes with applications to leaf classification. Computers and Electronics in Agriculture, 2017, 142, 326-337. | 7.7 | 22 |
| 8 | On Encoding and Enumerating Threshold Functions. IEEE Transactions on Neural Networks, 2004, 15, 261-267. | 4.2 | 21 |
| 9 | A Family of Shape Ellipticity Measures for Galaxy Classification. SIAM Journal on Imaging Sciences, 2013, 6, 765-781. | 2.2 | 18 |
| 10 | Disconnectedness: A new moment invariant for multi-component shapes. Pattern Recognition, 2018, 78, 91-102. | 8.1 | 18 |
| 11 | 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 |
| 12 | Orientation and anisotropy of multi-component shapes from boundary information. Pattern Recognition, 2011, 44, 2147-2160. | 8.1 | 13 |
| 13 | Different Digitisations of Displaced Discs. Foundations of Computational Mathematics, 2006, 6, 255-268. | 2.5 | 12 |
| 14 | Measuring rectilinearity. Computer Vision and Image Understanding, 2005, 99, 175-188. | 4.7 | 9 |
| 15 | On the Number of Digital Discs. Journal of Mathematical Imaging and Vision, 2004, 21, 199-204. | 1.3 | 8 |
| 16 | 2D Shape Measures for Computer Vision. , 0, , 347-371. | | 8 |
| 17 | Notes on Optimal Convex Lattice Polygons. Bulletin of the London Mathematical Society, 1998, 30, 377-385. | 0.8 | 7 |
| 18 | The number of configurations in lattice point counting I. Forum Mathematicum, 2010, 22, . | 0.7 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Measuring linearity of curves in 2D and 3D. Pattern Recognition, 2016, 49, 65-78. | 8.1 | 6 |
| 20 | The number of configurations in lattice point counting II. Proceedings of the London Mathematical Society, 2013, 107, 1331-1352. | 1.3 | 5 |
| 21 | Note on the shape circularity measure method based on radial moments. Journal of Electronic Imaging, 2014, 23, 029701. | 0.9 | 5 |
| 22 | A family of cubeness measures. Machine Vision and Applications, 2012, 23, 751-760. | 2.7 | 3 |
| 23 | Measuring shape rectangularities. , 2011, , . | | 2 |
| 24 | Measuring Shapes with Desired Convex Polygons. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 1394-1407. | 13.9 | 2 |
| 25 | 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 |
| 26 | Measuring how much an object has a ring-like shape. Measurement Science and Technology, 2021, 32, 047002. | 2.6 | 0 |
| 27 | An affine moment invariant for multi-component shapes. Measurement Science and Technology, 2022, 33, 017001. | 2.6 | 0 |