# Mikael Rousson

List of Publications by Year
in descending order

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|---|---|---|---|
| **15**<br>papers | **2,172**<br>citations | 623574<br>**14**<br>h-index | 1058333<br>**14**<br>g-index |
| **15**<br>all docs | **15**<br>docs citations | **15**<br>times ranked | **1653**<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | Colour, texture, and motion in level set based segmentation and tracking. Image and Vision Computing, 2010, 28, 376-390. | 2.7 | 89 |
| 2 | Prior Knowledge, Level Set Representations &amp; Visual Grouping. International Journal of Computer Vision, 2008, 76, 231-243. | 10.9 | 95 |
| 3 | A Review of Statistical Approaches to Level Set Segmentation: Integrating Color, Texture, Motion and Shape. International Journal of Computer Vision, 2007, 72, 195-215. | 10.9 | 894 |
| 4 | Efficient Segmentation of Piecewise Smooth Images. , 2007, , 709-720. | | 64 |
| 5 | Statistics on the Manifold of Multivariate Normal Distributions: Theory and Application to Diffusion Tensor MRI Processing. Journal of Mathematical Imaging and Vision, 2006, 25, 423-444. | 0.8 | 214 |
| 6 | Tensor Processing for Texture and Colour Segmentation. Lecture Notes in Computer Science, 2005, , 1117-1127. | 1.0 | 22 |
| 7 | A Riemannian Approach to Diffusion Tensor Images Segmentation. Lecture Notes in Computer Science, 2005, 19, 591-602. | 1.0 | 41 |
| 8 | Efficient Kernel Density Estimation of Shape and Intensity Priors for Level Set Segmentation. Lecture Notes in Computer Science, 2005, 8, 757-764. | 1.0 | 76 |
| 9 | Level Set and Region Based Surface Propagation for Diffusion Tensor MRI Segmentation. Lecture Notes in Computer Science, 2004, , 123-134. | 1.0 | 35 |
| 10 | Implicit Active Shape Models for 3D Segmentation in MR Imaging. Lecture Notes in Computer Science, 2004, , 209-216. | 1.0 | 64 |
| 11 | Segmentation of 3D Probability Density Fields by Surface Evolution: Application to Diffusion MRI. Lecture Notes in Computer Science, 2004, , 18-25. | 1.0 | 25 |
| 12 | Non-rigid registration using distance functions. Computer Vision and Image Understanding, 2003, 89, 142-165. | 3.0 | 119 |
| 13 | Unsupervised Segmentation Incorporating Colour, Texture, and Motion. Lecture Notes in Computer Science, 2003, , 353-360. | 1.0 | 71 |
| 14 | Matching Distance Functions: A Shape-to-Area Variational Approach for Global-to-Local Registration. Lecture Notes in Computer Science, 2002, , 775-789. | 1.0 | 72 |
| 15 | Shape Priors for Level Set Representations. Lecture Notes in Computer Science, 2002, , 78-92. | 1.0 | 291 |