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Boyle, A.; Adler, A.; Lionheart, W.R.B.

Medical Imaging, IEEE Transactions on

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#### 2. Compressed-Sensing MRI With Random Encoding

Haldar, J.P.; Hernando, D.; Zhi-Pei Liang

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### 3. Nonrigid registration using free-form deformations: application to breast MR images

Rueckert, D.; Sonoda, L.I.; Hayes, C.; Hill, D.L.G.; Leach, M.O.; Hawkes, D.J.

Medical Imaging, IEEE Transactions on

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### 4. Mutual-information-based registration of medical images: a survey

Pluim, J.P.W.; Maintz, J.B.A.; Viergever, M.A.

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### 5. Discriminative Segmentation-Based Evaluation Through Shape Dissimilarity

Konukoglu, E.; Glocker, B.; Dong Hye Ye; Criminisi, A.; Pohl, K.M.

Medical Imaging, IEEE Transactions on

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### 6. Tissue Tracking and Registration for Image-Guided Surgery

Yip, M. C.; Lowe, D. G.; Salcudean, S. E.; Rohling, R. N.; Nguan, C. Y.

Medical Imaging, IEEE Transactions on

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### 7. Penalized Likelihood PET Image Reconstruction Using Patch-Based Edge-Preserving Regularization

Guobao Wang; Jinyi Qi

Medical Imaging, IEEE Transactions on

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### **9. GLISTR: Glioma Image Segmentation and Registration**

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### **11. Automatic Aorta Segmentation and Valve Landmark Detection in C-Arm CT for Transcatheter Aortic Valve Implantation**

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Sabuncu, M.R.; Van Leemput, K.  
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### **18. Graph Run-Length Matrices for Histopathological Image Segmentation**

Tosun, A.B.; Gunduz-Demir, C.

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Medical Imaging, IEEE Transactions on

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### **20. An Integrated Region-, Boundary-, Shape-Based Active Contour for Multiple Object Overlap Resolution in Histological Imagery**

Ali, S.; Madabhushi, A.

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### **21. Image Reconstruction From Highly Undersampled $(k, t)$ -Space Data With Joint Partial Separability and Sparsity Constraints**

Bo Zhao; Haldar, J.P.; Christodoulou, A.G.; Zhi-Pei Liang

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## 22. Survey: interpolation methods in medical image processing

Lehmann, T.M.; Gonner, C.; Spitzer, K.

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## 23. Active Volume Models for Medical Image Segmentation

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Medical Imaging, IEEE Transactions on

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Medical Imaging, IEEE Transactions on

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Gopinath, A.; Guoliang Xu; Ress, D.; Oktem, O.;

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Medical Imaging, IEEE Transactions on

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