

Michael Brady

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,388
citations

687363

13
h-index

552781

26
g-index

32
all docs

32
docs citations

32
times ranked

3198
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The current status of risk-stratified breast screening. <i>British Journal of Cancer</i> , 2022, 126, 533-550. | 6.4 | 47 |
| 2 | Slice-to-Volume Registration Enables Automated Pancreas MRI Quantification in UK Biobank. <i>Lecture Notes in Computer Science</i> , 2021, , 210-223. | 1.3 | 0 |
| 3 | Pancreas Volumetry in UK Biobank: Comparison of Models and Inference at Scale. <i>Lecture Notes in Computer Science</i> , 2021, , 265-279. | 1.3 | 3 |
| 4 | Fair shares: building and benefiting from healthcare AI with mutually beneficial structures and development partnerships. <i>British Journal of Cancer</i> , 2021, 125, 1181-1184. | 6.4 | 2 |
| 5 | RICE: A method for quantitative mammographic image enhancement. <i>Medical Image Analysis</i> , 2021, 71, 102043. | 11.6 | 7 |
| 6 | A simple, open and extensible gating Control unit for cardiac and respiratory synchronisation control in small animal MRI and demonstration of its robust performance in steady-state maintained CINE-MRI. <i>Magnetic Resonance Imaging</i> , 2021, 81, 1-9. | 1.8 | 2 |
| 7 | Tumour subregion analysis of colorectal liver metastases using semi-automated clustering based on DCE-MRI: Comparison with histological subregions and impact on pharmacokinetic parameter analysis. <i>European Journal of Radiology</i> , 2020, 126, 108934. | 2.6 | 5 |
| 8 | Magnitudeâ€intrinsic waterâ€fat ambiguity can be resolved with multippeak fat modeling and a multipoint search method. <i>Magnetic Resonance in Medicine</i> , 2019, 82, 460-475. | 3.0 | 18 |
| 9 | Validation of a standardized MRI method for liver fat and T2* quantification. <i>PLoS ONE</i> , 2018, 13, e0204175. | 2.5 | 22 |
| 10 | Prospective gating control for highly efficient cardio-respiratory synchronised short and constant TR MRI in the mouse. <i>Magnetic Resonance Imaging</i> , 2018, 53, 20-27. | 1.8 | 14 |
| 11 | GIFTed Demons: deformable image registration with local structure-preserving regularization using supervoxels for liver applications. <i>Journal of Medical Imaging</i> , 2018, 5, 1. | 1.5 | 8 |
| 12 | Imaging biomarker roadmap for cancer studies. <i>Nature Reviews Clinical Oncology</i> , 2017, 14, 169-186. | 27.6 | 792 |
| 13 | Pieces-of-parts for supervoxel segmentation with global context: Application to DCE-MRI tumour delineation. <i>Medical Image Analysis</i> , 2016, 32, 69-83. | 11.6 | 20 |
| 14 | A new magnetic resonance-based technique for high-resolution quantification of amorphous and quasi-amorphous structures. <i>Journal of the Royal Society Interface</i> , 2016, 13, 20160589. | 3.4 | 0 |
| 15 | Oncological image analysis. <i>Medical Image Analysis</i> , 2016, 33, 7-12. | 11.6 | 9 |
| 16 | Deformable image registration by combining uncertainty estimates from supervoxel belief propagation. <i>Medical Image Analysis</i> , 2016, 27, 57-71. | 11.6 | 58 |
| 17 | Shape Description and Matching Using Integral Invariants on Eccentricity Transformed Images. <i>International Journal of Computer Vision</i> , 2015, 113, 92-112. | 15.6 | 16 |
| 18 | Personalized Graphical Models for Anatomical Landmark Localization in Whole-Body Medical Images. <i>International Journal of Computer Vision</i> , 2015, 111, 29-49. | 15.6 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Lung Cancer Assistant: a hybrid clinical decision support application for lung cancer care. Journal of the Royal Society Interface, 2014, 11, 20140534. | 3.4 | 30 |
| 20 | Towards Realtime Multimodal Fusion for Image-Guided Interventions Using Self-similarities. Lecture Notes in Computer Science, 2013, 16, 187-194. | 1.3 | 104 |
| 21 | The Impact of Heterogeneity and Uncertainty on Prediction of Response to Therapy Using Dynamic MRI Data. Lecture Notes in Computer Science, 2013, 16, 316-323. | 1.3 | 2 |
| 22 | Towards a more realistic biomechanical modelling of breast malignant tumours. Physics in Medicine and Biology, 2012, 57, 631-648. | 3.0 | 8 |
| 23 | Textural mutual information based on cluster trees for multimodal deformable registration. , 2012, , . | | 5 |
| 24 | Quantification and normalization of x-ray mammograms. Physics in Medicine and Biology, 2012, 57, 6519-6540. | 3.0 | 13 |
| 25 | Region Matching in the Temporal Study of Mammograms Using Integral Invariant Scale-Space. Lecture Notes in Computer Science, 2012, , 173-180. | 1.3 | 4 |
| 26 | Fusion of perpendicular anisotropic MRI sequences. , 2011, , . | | 5 |
| 27 | Segmentation of the bladder wall using coupled level set methods. , 2011, , . | | 15 |
| 28 | The segmentation of colorectal MRI images. Medical Image Analysis, 2010, 14, 494-509. | 11.6 | 17 |
| 29 | Robust Breast Composition Measurement - VolparaTM. Lecture Notes in Computer Science, 2010, , 342-349. | 1.3 | 130 |