

Vladimir Pekar

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

992
citations

1307594

7
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1274
citing authors

#	ARTICLE	IF	CITATIONS
1	Vision 20/20: Perspectives on automated image segmentation for radiotherapy. Medical Physics, 2014, 41, 050902.	3.0	262
2	Automated segmentation of the left ventricle in cardiac MRI. Medical Image Analysis, 2004, 8, 245-254.	11.6	226
3	Assessment of a Model-Based Deformable Image Registration Approach for Radiation Therapy Planning. International Journal of Radiation Oncology Biology Physics, 2007, 68, 572-580.	0.8	133
4	Automated model-based organ delineation for radiotherapy planning in prostatic region. International Journal of Radiation Oncology Biology Physics, 2004, 60, 973-980.	0.8	118
5	Auto-segmentation of normal and target structures in head and neck CT images: A feature-driven model-based approach. Medical Physics, 2011, 38, 6160-6170.	3.0	111
6	Automated 3-D PDM construction from segmented images using deformable models. IEEE Transactions on Medical Imaging, 2003, 22, 1005-1013.	8.9	102
7	Validation of automatic landmark identification for atlas-based segmentation for radiation treatment planning of the head-and-neck region. Proceedings of SPIE, 2008, , .	0.8	7
8	Towards automatic patient positioning and scan planning using continuously moving table MR imaging. Magnetic Resonance in Medicine, 2009, 62, 1067-1072.	3.0	4
9	Probabilistic Refinement of Model-Based Segmentation: Application to Radiation Therapy Planning of the Head and Neck. Lecture Notes in Computer Science, 2010, , 403-410.	1.3	4