# Vladimir Pekar

List of Publications by Year
in descending order

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|---|---|---|---|
| 9<br>papers | 992<br>citations | 1307594<br>7<br>h-index | 1372567<br>10<br>g-index |
| 10<br>all docs | 10<br>docs citations | 10<br>times ranked | 1274<br>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 | 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 |
| 3 | 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 |
| 4 | Towards automatic patient positioning and scan planning using continuously moving table MR imaging. Magnetic Resonance in Medicine, 2009, 62, 1067-1072. | 3.0 | 4 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Automated segmentation of the left ventricle in cardiac MRI. Medical Image Analysis, 2004, 8, 245-254. | 11.6 | 226 |
| 9 | Automated 3-D PDM construction from segmented images using deformable models. IEEE Transactions on Medical Imaging, 2003, 22, 1005-1013. | 8.9 | 102 |