

## APPENDIX IX.

### PUBLICATIONS

by members of the Medical Physics Unit : 2012 calendar year (x 70)  
(names of MPU staff members are underlined, students are indicated by †)

1. M. Heravi, N. Tomic, L. Liang, S. Devic, J. Holmes†, F. DeBlois, D. Radziocha, T. Muanza, *Sorafenib in combination with ionizing radiation has a greater anti-tumor activity in a breast cancer model*, *Anti-Cancer Drugs* **23**, 525-533 (2012).
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4. T. Sprenger, C.L. Seifert, M. Valet, A.P. Andreou, A. Foerschler, C. Zimmer, D.L. Collins, P.J. Goadsby, T.R. Tölle, M.M. Chakravarty, *Assessing the risk of central post-stroke pain of thalamic origin by lesion mapping*, *Brain* **135**(8), 2536-2545 (2012).
5. E. Klepousniotou, G.B. Pike, K. Steinhauer, V. Gracco, *Not all ambiguous words are created equal: An EEG investigation of homonymy and polysemy*, *Brain & Lang.* **123**(1), 11-21 (2012) [Epub ahead of print].
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11. C. Haegelen, P. Coupé, V.S. Fonov, N. Guizard, P. Jannin, X. Morandi, D.L. Collins, *Automated segmentation of basal ganglia and deep brain structures in MRI of Parkinson's disease*, *Int. J. Comput. Assist. Radiol. Surg.* (2012).
12. S. Bériault, F.A. Subaie, D.L. Collins, A.F. Sadikot, G.B. Pike, *A multimodal approach to computer-assisted deep brain stimulation trajectory planning*, *Int. J. Comput. Assist. Radiol. Surg.* **7**(5), 687-704 (2012).
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15. E.A. Kidd, I. El Naqa, B.A. Siegel, F. Dehdashti, P.W. Grigsby, *FDG-PET-based prognostic nomograms for locally advanced cervical cancer*, *Gynecol. Oncol.* **127**(1), 136-140 (2012). PMID: 22735785.
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25. S.J. Chen, P. Hellier, M. Marchal, J.Y. Gauvrit, R. Carpentier, X. Morandi, D.L. Collins, *An anthropomorphic polyvinyl alcohol brain phantom based on Colin27 for use in multimodal imaging*, Med. Phys. **39**(1), 554-561 (2012).
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