

## Publications about TCIA Authored by the TCIA team

1. Freymann JB, Kirby JS, Perry JH, Clunie DA, Jaffe CC. Image data sharing for biomedical research—meeting HIPAA requirements for de-identification. *Journal of Digital Imaging*. 2012;25(1):14-24. doi: [10.1007/s10278-011-9422-x](https://doi.org/10.1007/s10278-011-9422-x)
2. Levy MA, Freymann JB, Kirby JS, Fedorov A, Fennessy FM, Eschrich SA, Berglund AE, Fenstermacher DA, Tan Y, Guo X. Informatics methods to enable sharing of quantitative imaging research data. *Magnetic Resonance Imaging*. 2012. doi: [10.1016/j.mri.2012.04.007](https://doi.org/10.1016/j.mri.2012.04.007)
3. Jaffe CC. Imaging and Genomics: is there a synergy? *Radiology*. 2012;264(2):329-31. doi: [10.1148/radiol.12120871](https://doi.org/10.1148/radiol.12120871)
4. Prior FW, Clark K, Commean P, Freymann J, Jaffe C, Kirby J, Moore S, Smith K, Tarbox L, Vendt B, editors. TCIA: an information resource to enable open science. *Engineering in Medicine and Biology Society (EMBC), 2013 35th Annual International Conference of the IEEE; 2013: IEEE*. doi: [10.1109/EMBC.2013.6609742](https://doi.org/10.1109/EMBC.2013.6609742)
5. Clark K, Vendt B, Smith K, Freymann J, Kirby J, Koppel P, Moore S, Phillips S, Maffitt D, Pringle M. The Cancer Imaging Archive (TCIA): maintaining and operating a public information repository. *Journal of Digital Imaging*. 2013;26(6):1045-57. doi: [10.1007/s10278-013-9622-7](https://doi.org/10.1007/s10278-013-9622-7)
6. Kalpathy-Cramer J, Freymann JB, Kirby JS, Kinahan PE, Prior FW. Quantitative Imaging Network: Data Sharing and Competitive Algorithm Validation Leveraging The Cancer Imaging Archive. *Translational Oncology*. 2014;7(1):147-52. [PMC3998686](https://pubmed.ncbi.nlm.nih.gov/23998686/)
7. Mayo C, Deasy J, Chera B, Freymann J, Kirby J, Hardenbergh P. How can we effect culture change toward data driven medicine? *International Journal of Radiation Oncology\* Biology\* Physics*. 2015. doi: [10.1016/j.ijrobp.2015.12.355](https://doi.org/10.1016/j.ijrobp.2015.12.355)
8. Commean PK, Rathmell JM, Clark KW, Maffitt DR, Prior FW. A Query Tool for Investigator Access to the Data and Images of the National Lung Screening Trial . *Journal of Digital Imaging*. 2015:1-9. doi: [10.1007/s10278-015-9785-5](https://doi.org/10.1007/s10278-015-9785-5)
9. Moore SM, Maffitt DR, Smith KE, Kirby JS, Clark KW, Freymann JB, Vendt BA, Tarbox LR, Prior FW. De-identification of Medical Images with Retention of Scientific Research Value. *RadioGraphics*. 2015;35(3):727-35. doi: [10.1148/rg.2015140244](https://doi.org/10.1148/rg.2015140244)
10. Rosenstein BS, Capala J, Efstathiou JA, Hammerbacher J, Kerns SL, Ostrer H, Prior FW, Vikram B, Wong J, Xiao Y. How will big data improve clinical and basic research in radiation therapy? *International Journal of Radiation Oncology\* Biology\* Physics*. 2016;95(3):895-904. doi: [10.1016/j.ijrobp.2015.11.009](https://doi.org/10.1016/j.ijrobp.2015.11.009)
11. Chennubhotla C, Clarke L, Fedorov A, Foran D, Harris G, Helton E, Nordstrom R, Prior F, Rubin D, Saltz J. An Assessment of Imaging Informatics for Precision Medicine in Cancer. *Yearbook of Medical Informatics*. 2017;26(01):110-9. doi: [10.15265/IY-2017-041](https://doi.org/10.15265/IY-2017-041)
12. Prior F, Smith K, Sharma A, Kirby J, Tarbox L, Clark K, Bennett W, Nolan T, Freymann J. The public cancer radiology imaging collections of The Cancer Imaging Archive. *Nature Scientific Data*, 2017:4. doi: [10.1038/sdata.2017.124](https://doi.org/10.1038/sdata.2017.124)
13. Bennett W, Smith K, Jarosz Q, Nolan T, Bosch W. Reengineering Workflow for Curation of DICOM Datasets. *Journal of Digital Imaging*. 2018:1-9. doi: [10.1007/s10278-018-0097-4](https://doi.org/10.1007/s10278-018-0097-4)

14. **Prior F, Almeida J, Kathiravelu P, Kurc T, Smith K, Fitzgerald TJ, Saltz J. Open access image repositories: high-quality data to enable machine learning research. Clinical Radiology. 2019. doi: [10.1016/j.crad.2019.04.002](https://doi.org/10.1016/j.crad.2019.04.002)**