


Stanford



Lu Tian

Professor of Biomedical Data Science and, by courtesy, of Statistics

 Resume available Online

Bio

ACADEMIC APPOINTMENTS

- Professor, Biomedical Data Science
- Professor (By courtesy), Statistics

PROFESSIONAL EDUCATION

- Bachelor of Science, Nankai University , Mathematics (1995)
- Master of Science, Nankai University , Mathematics (1998)
- Doctor of Science, Harvard University , Biostatistics (2002)

LINKS

- personal site: <http://www.stanford.edu/~lutian/home.HTML>
- course site: <http://www.stanford.edu/~lutian/stat331.HTML>

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My research interest includes

- (1) Survival Analysis and Semiparametric Modeling;
- (2) Resampling Method ;
- (3) Meta Analysis ;
- (4) High Dimensional Data Analysis;
- (5) Personalized Medicine for Disease Diagnosis, Prognosis and Treatment.

Teaching

COURSES

2019-20

- Consulting Workshop on Biomedical Data Science: BIODS 232 (Aut, Win, Spr)

2018-19

- Consulting Workshop on Biomedical Data Science: BIODS 232 (Aut, Win, Spr)

2016-17

- Survival Analysis: STATS 331 (Spr)

STANFORD ADVISEES

Doctoral Dissertation Reader (AC)

Albee Ling

Master's Program Advisor

YoonChung Chey, Emily Dong, Jacob Edelson, Abby Pandya, Adam Papini, Nick Phillips, Kostyantyn Sebov, Blanca Villanueva, Masaki Yamada

Doctoral (Program)

Bryan Cai

Publications

PUBLICATIONS

- **N-myristoyltransferase deficiency impairs activation of kinase AMPK and promotes synovial tissue inflammation.** *Nature immunology*
Wen, Z., Jin, K., Shen, Y., Yang, Z., Li, Y., Wu, B., Tian, L., Shoor, S., Roche, N. E., Goronzy, J. J., Weyand, C. M.
2019
- **Racial Differences in the Effect of Granulocyte Macrophage Colony-Stimulating Factor on Improved Walking Distance in Peripheral Artery Disease: The PROPEL Randomized Clinical Trial.** *Journal of the American Heart Association*
McDermott, M. M., Polonsky, T. S., Guralnik, J. M., Ferrucci, L., Tian, L., Zhao, L., Stein, J., Domanchuk, K., Criqui, M. H., Taylor, D. A., Li, L., Kibbe, M. R.
2019; 8 (2): e011001
- **Durability of Benefits From Supervised Treadmill Exercise in People With Peripheral Artery Disease.** *Journal of the American Heart Association*
McDermott, M. M., Kibbe, M. R., Guralnik, J. M., Ferrucci, L., Criqui, M. H., Domanchuk, K., Tian, L., Zhao, L., Li, L., Patel, K., Polonsky, T. S.
2019; 8 (1): e009380
- **Trifluridine/tipiracil in metastatic gastric cancer.** *The Lancet. Oncology*
McCaw, Z. R., Kim, D. H., Tian, L., Fu, H., Wei, L.
2019; 20 (1): e8
- **Central mechanisms of real and sham electroacupuncture in the treatment of chronic low back pain: study protocol for a randomized, placebo-controlled clinical trial.** *Trials*
Kong, J., MacIsaac, B., Cogan, R., Ng, A., Law, C. S., Helms, J., Schnyer, R., Karayannis, N. V., Kao, M., Tian, L., Darnall, B. D., Gross, J. J., Mackey, et al
2018; 19 (1): 685
- **Interpreting Clinical Benefits of Neoadjuvant Chemoradiation With Gemcitabine Versus Upfront Surgery in Patients With Borderline Resectable Pancreatic Cancer (BRPC).** *Annals of surgery*
McCaw, Z. R., Tian, L., Kim, D. H., Wei, L.
2018
- **Exact Inference on the Random-Effects Model for Meta-Analyses with Few Studies.** *Biometrics*
Michael, H., Thornton, S., Xie, M., Tian, L.
2018
- **Brachial artery intima-media thickness and grayscale texture changes in patients with peripheral artery disease receiving supervised exercise training in the PROPEL randomized clinical trial.** *Vascular medicine (London, England)*
Berroug, J., Korcarz, C. E., Mitchell, C. K., Weber, J. M., Tian, L., McDermott, M. M., Stein, J. H.
2018: 1358863X18804050
- **Quantifying the totality of treatment effect with multiple event-time observations in the presence of a terminal event from a comparative clinical study** *STATISTICS IN MEDICINE*
Claggett, B., Tian, L., Fu, H., Solomon, S. D., Wei, L.
2018; 37 (25): 3589–98
- **Meta-analysis to Evaluate High-Dose Therapy Followed by Stem Cell Transplant in Patients With Multiple Myeloma** *JAMA ONCOLOGY*

- Claggett, B., Tian, L., Wei, L.
2018; 4 (11): 1617–18
- **Elafin Treatment Rescues EGFR-Klf4 Signaling and Lung Cell Survival in Ventilated Newborn Mice.** *American journal of respiratory cell and molecular biology*
Alejandre Alcazar, M. A., Kaschwich, M., Ertsey, R., Preuss, S., Milla, C., Mujahid, S., Masumi, J., Khan, S., Mokres, L. M., Tian, L., Mohr, J., Hirani, D. V., Rabinovitch, et al
2018; 59 (5): 623–34
 - **Estimating and Interpreting the Overall Survival Benefit of Checkpoint Inhibitors via Meta-analysis** *JAMA ONCOLOGY*
Uno, H., Tian, L., Wei, L.
2018; 4 (8): 1137–38
 - **Sex as a predictor of response to cancer immunotherapy** *LANCET ONCOLOGY*
Claggett, B., Tian, L., McCaw, Z. R., Takeuchi, M., Wei, L.
2018; 19 (8): E377
 - **Peripheral artery disease, calf skeletal muscle mitochondrial DNA copy number, and functional performance** *VASCULAR MEDICINE*
McDermott, M. M., Peterson, C. A., Sufit, R., Ferrucci, L., Guralnik, J. M., Kibbe, M. R., Polonsky, T. S., Tian, L., Criqui, M. H., Zhao, L., Stein, J. H., Li, L., Leeuwenburgh, et al
2018; 23 (4): 340–48
 - **US Molecular Imaging of Acute Ileitis: Anti-Inflammatory Treatment Response Monitored with Targeted Microbubbles in a Preclinical Model.** *Radiology*
Wang, H., Hyvelin, J., Felt, S. A., Guracar, I., Vilches-Moure, J. G., Cherkaoui, S., Bettinger, T., Tian, L., Lutz, A. M., Willmann, J. K.
2018: 172600
 - **Matrix Metalloprotease-9 (MMP-9)-Producing Monocytes Enable T Cells to Invade the Vessel Wall and Cause Vasculitis.** *Circulation research*
Watanabe, R., Maeda, T., Zhang, H., Berry, G. J., Zeisbrich, M., Brockett, R. D., Greenstein, A. E., Tian, L., Goronzy, J., Weyand, C. M.
2018
 - **Associations of weight change with calf muscle characteristics and functional decline in adults with peripheral artery disease**
Polonsky, T. S., Tian, L., Criqui, M., Ferrucci, L., Guralnick, J., Kibbe, M., Sufit, R., McDermott, M. M.
SAGE PUBLICATIONS LTD.2018: 317–18
 - **Efficiency of two sample tests via the restricted mean survival time for analyzing event time observations** *BIOMETRICS*
Tian, L., Fu, H., Ruberg, S. J., Uno, H., Wei, L.
2018; 74 (2): 694–702
 - **Quantification of Long-term Survival Benefit in a Comparative Oncology Clinical Study** *JAMA ONCOLOGY*
Horiguchi, M., Tian, L., Uno, H., Cheng, S., Kim, D., Schrag, D., Wei, L.
2018; 4 (6): 881–82
 - **Evaluating Treatment Effect Based on Duration of Response for a Comparative Oncology Study** *JAMA ONCOLOGY*
Huang, B., Tian, L., Talukder, E., Rothenberg, M., Kim, D., Wei, L.
2018; 4 (6): 874–76
 - **Six-minute walk performance as a predictor of lower extremity events in people with peripheral artery disease**
Nayak, P., Criqui, M. H., Ferrucci, L., Guralnik, J., Kibbe, M., Polonsky, T., Tian, L., Zhao, L., McDermott, M. M.
SAGE PUBLICATIONS LTD.2018: 317
 - **Changes in calf skeletal muscle characteristics and decline in walking performance in peripheral artery disease**
Ali, A., Ferrucci, L., Guralnik, J., Criqui, M. H., Polonsky, T., Zhao, L., Kibbe, M., Tian, L., McDermott, M. M.
SAGE PUBLICATIONS LTD.2018: 311
 - **Racial differences in granulocyte macrophage colony-stimulating factor (GM-CSF) effects on walking performance in peripheral artery disease: The PROPEL randomized clinical trial**
McDermott, M. M., Kibbe, M., Criqui, M., Ferrucci, L., Tian, L., Lloyd-Jones, D., Zhao, L., Domanchuk, K., Polonsky, T.
SAGE PUBLICATIONS LTD.2018: 309–10
 - **Durability of supervised treadmill exercise benefits in people with peripheral artery disease**
Patel, K. H., Kibbe, M., Guralnik, J., Leeuwenburgh, C., Sufit, R., Tian, L., Ferrucci, L., Polonsky, T., Criqui, M. H., McDermott, M. M.

SAGE PUBLICATIONS LTD.2018: 301–2

- **Longitudinal assessment of ultrasound-guided complementary microRNA therapy of hepatocellular carcinoma.** *Journal of controlled release : official journal of the Controlled Release Society*
Chowdhury, S. M., Lee, T., Bachawal, S. V., Devulapally, R., Abou-Elkacem, L., Yeung, T. A., Wischhusen, J., Tian, L., Dahl, J., Paulmurugan, R., Willmann, J. K.
2018
- **Inhibition of JAK-STAT Signaling Suppresses Pathogenic Immune Responses in Medium and Large Vessel Vasculitis** *CIRCULATION*
Zhang, H., Watanabe, R., Berry, G. J., Tian, L., Goronzy, J. J., Weyand, C. M.
2018; 137 (18): 1934–48
- **Computed Tomography Features associated With the Eighth Edition TNM Stage Classification for Thymic Epithelial Tumors** *JOURNAL OF THORACIC IMAGING*
Padda, S. K., Terrone, D., Tian, L., Khuong, A., Neal, J. W., Riess, J. W., Berry, M. F., Hoang, C. D., Burt, B. M., Leung, A. N., Schwartz, E. J., Shrager, J. B., Wakelee, et al
2018; 33 (3): 176–83
- **Effect of a Home-Based Exercise Intervention of Wearable Technology and Telephone Coaching on Walking Performance in Peripheral Artery Disease The HONOR Randomized Clinical Trial** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
McDermott, M. M., Spring, B., Berger, J. S., Treat-Jacobson, D., Conte, M. S., Creager, M. A., Criqui, M. H., Ferrucci, L., Gornik, H. L., Guralnik, J. M., Hahn, E. A., Henke, P., Kibbe, et al
2018; 319 (16): 1665–76
- **Somatic items on the Beck Depression Inventory-II do not affect self-reported depression severity in Parkinson's disease**
Ramirez, V., Hendershott, T. R., Faridi, N., Zhu, D., Tian, L., Poston, K. L.
LIPPINCOTT WILLIAMS & WILKINS.2018
- **Estimating Treatment Effect With Clinical Interpretation From a Comparative Clinical Trial With an End Point Subject to Competing Risks** *JAMA CARDIOLOGY*
Zhao, L., Tian, D., Claggett, B., Pfeffer, M., Kim, D., Solomon, S., Wei, L.
2018; 3 (4): 357–58
- **The ROC curve for regularly measured longitudinal biomarkers.** *Biostatistics (Oxford, England)*
Michael, H., Tian, L., Ghebremichael, M.
2018
- **Guest Editorial for the 14th Asia Pacific Bioinformatics Conference** *IEEE-ACM TRANSACTIONS ON COMPUTATIONAL BIOLOGY AND BIOINFORMATICS*
Tang, J., Tian, L., Chen, Y.
2018; 15 (2): 396–97
- **Anatomical Road Mapping Using CT and MR Enterography for Ultrasound Molecular Imaging of Small Bowel Inflammation in Swine.** *European radiology*
Wang, H., Felt, S. A., Guracar, I., Taviani, V., Zhou, J., Sigrist, R. M., Zhang, H., Liau, J., Vilches-Moure, J. G., Tian, L., Saenz, Y., Bettinger, T., Hargreaves, et al
2018; 28 (5): 2068–76
- **Change in survival in metastatic breast cancer with treatment advances: meta-analysis and systematic review** *JNCI Cancer Spectrum*
Caswell-Jin, J. L., Plevritis, S. K., Tian, L., Cadham, C. J., Xu, C., Stout, N. K., Sledge, G. W., Mandelblatt, J. S., Kurian, A. W.
2018; 2 (4)
- **Safety, Tolerability, and Feasibility of Young Plasma Infusion in the Plasma for Alzheimer Symptom Amelioration Study: A Randomized Clinical Trial.** *JAMA neurology*
Sha, S. J., Deutsch, G. K., Tian, L., Richardson, K., Coburn, M., Gaudioso, J. L., Marcal, T., Solomon, E., Boumis, A., Bet, A., Mennes, M., van Oort, E., Beckmann, et al
2018
- **An efficient numerical algorithm for exact inference in meta analysis** *JOURNAL OF STATISTICAL COMPUTATION AND SIMULATION*
Wang, Y., Tian, L.
2018; 88 (4): 646–56

- **Thy1-Targeted Microbubbles for Ultrasound Molecular Imaging of Pancreatic Ductal Adenocarcinoma.** *Clinical cancer research : an official journal of the American Association for Cancer Research*
Abou-Elkacem, L., Wang, H., Chowdhury, S. M., Kimura, R. H., Bachawal, S. V., Gambhir, S. S., Tian, L., Willmann, J. K.
2018
- **Granulocyte Macrophage Colony-Stimulating Factor With and Without Supervised Exercise to Improve Walking Performance in Peripheral Artery Disease: The PROPEL Randomized Clinical Trial**
McDermott, M. M., Criqui, M. H., Guralnik, J. M., Kibbe, M., Tian, L., Lloyd-Jones, D., Zhao, L., Domanchuk, K., Polonsky, T., Stein, J. H., Perlman, H., Skelly, C., Pearce, et al
LIPPINCOTT WILLIAMS & WILKINS.2017: E462–E463
- **Effect of Granulocyte-Macrophage Colony-Stimulating Factor With or Without Supervised Exercise on Walking Performance in Patients With Peripheral Artery Disease The PROPEL Randomized Clinical Trial** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*
McDermott, M., Ferrucci, L., Tian, L., Guralnik, J. M., Lloyd-Jones, D., Kibbe, M. R., Polonsky, T. S., Domanchuk, K., Stein, J. H., Zhao, L., Taylor, D., Skelly, C., Pearce, et al
2017; 318 (21): 2089–98
- **Interpretability of Cancer Clinical Trial Results Using Restricted Mean Survival Time as an Alternative to the Hazard Ratio** *JAMA ONCOLOGY*
Pak, K., Uno, H., Kim, D., Tian, L., Kane, R. C., Takeuchi, M., Fu, H., Claggett, B., Wei, L.
2017; 3 (12): 1692–96
- **A general statistical framework for subgroup identification and comparative treatment scoring** *BIOMETRICS*
Chen, S., Tian, L., Cai, T., Yu, M.
2017; 73 (4): 1199–1209
- **Femoral artery plaque characteristics, lower extremity collaterals, and mobility loss in peripheral artery disease** *VASCULAR MEDICINE*
McDermott, M. M., Carroll, T., Carr, J., Yuan, C., Ferrucci, L., Guralnik, J. M., Kibbe, M., Criqui, M. H., Tian, L., Polonsky, T., Zhao, L., Gao, Y., Hippe, et al
2017; 22 (6): 473–81
- **Early prediction of tumor response to bevacizumab treatment in murine colon cancer models using three-dimensional dynamic contrast-enhanced ultrasound imaging** *ANGIOGENESIS*
Zhou, J., Zhang, H., Wang, H., Lutz, A. M., El Kaffas, A., Tian, L., Hristov, D., Willmann, J. K.
2017; 20 (4): 547–55
- **Plaque Composition in the Proximal Superficial Femoral Artery and Peripheral Artery Disease Events** *JACC-CARDIOVASCULAR IMAGING*
McDermott, M. M., Kramer, C. M., Tian, L., Carr, J., Guralnik, J. M., Polonsky, T., Carroll, T., Kibbe, M., Criqui, M. H., Ferrucci, L., Zhao, L., Hippe, D. S., Wilkins, et al
2017; 10 (9): 1003–12
- **Pulmonary hospitalizations and ischemic heart disease events in patients with peripheral artery disease** *VASCULAR MEDICINE*
McDermott, M. M., Tian, L., Wunderink, R. G., Kalhan, R., Kibbe, M. R., Greenland, P., Tracy, R., Zhao, L., Liu, K., Huffman, M., Wilkins, J. T., Liao, Y., Shah, et al
2017; 22 (3): 218-224
- **Walking performance is positively correlated to calf muscle fiber size in peripheral artery disease subjects, but fibers show aberrant mitophagy: an observational study (vol 14, 284, 2016)** *JOURNAL OF TRANSLATIONAL MEDICINE*
White, S. H., McDermott, M. M., Sufit, R. L., Kosmac, K., Bugg, A. W., Gonzalez-Freire, M., Ferrucci, L., Tian, L., Zhao, L., Gao, Y., Kibbe, M. R., Criqui, M. H., Leeuwenburgh, et al
2017; 15: 45
- **Intra-Animal Comparison between Three-dimensional Molecularly Targeted US and Three-dimensional Dynamic Contrast-enhanced US for Early Antiangiogenic Treatment Assessment in Colon Cancer.** *Radiology*
Wang, H., Lutz, A. M., Hristov, D., Tian, L., Willmann, J. K.
2017; 282 (2): 443-452
- **Spectroscopic Photoacoustic Molecular Imaging of Breast Cancer using a B7-H3-targeted ICG Contrast Agent** *THERANOSTICS*
Wilson, K. E., Bachawal, S. V., Abou-Elkacem, L., Jensen, K., Machtaler, S., Tian, L., Willmann, J. K.
2017; 7 (6): 1463-1476
- **A New Overall-Subgroup Simultaneous Test for Optimal Inference in Biomarker-Targeted Confirmatory Trials** *Statistics in Biosciences*
Belitskaya, I., Wang, H., Shih, M., Tian, L., Doros, G., Lew, R. A., Lu, Y.

2017

- **The Equivalence between Mann-Whitney Wilcoxon Test and Score Test Based on the Proportional Odds Model for Ordinal Responses**
Wang, Y., Tian, L., Li, M., Zhao, L., Zhang, R., Hua, G.
IEEE.2017
- **Optimal stratification in outcome prediction using baseline information** *BIOMETRIKA*
Yong, F. H., Tian, L., Yu, S., Cai, T., Wei, L. J.
2016; 103 (4): 817-828
- **Defective T Memory Cell Differentiation after Varicella Zoster Vaccination in Older Individuals.** *PLoS pathogens*
Qi, Q., Cavanagh, M. M., Le Saux, S., Wagar, L. E., Mackey, S., Hu, J., Maecker, H., Swan, G. E., Davis, M. M., Dekker, C. L., Tian, L., Weyand, C. M., Goronzy, et al
2016; 12 (10)
- **Walking performance is positively correlated to calf muscle fiber size in peripheral artery disease subjects, but fibers show aberrant mitophagy: an observational study** *JOURNAL OF TRANSLATIONAL MEDICINE*
White, S. H., McDermott, M. M., Sufit, R. L., Kosmac, K., Bugg, A. W., Gonzalez-Freire, M., Ferrucci, L., Tian, L., Zhao, L., Gao, Y., Kibbe, M. R., Criqui, M. H., Leeuwenburgh, et al
2016; 14
- **Ultrasound-guided therapeutic modulation of hepatocellular carcinoma using complementary microRNAs.** *Journal of controlled release*
Mullick Chowdhury, S., Wang, T., Bachawal, S., Devulapally, R., Choe, J. W., Abou Elkacem, L., Yakub, B. K., Wang, D. S., Tian, L., Paulmurugan, R., Willmann, J. K.
2016; 238: 272-280
- **A Predictive Enrichment Procedure to Identify Potential Responders to a New Therapy for Randomized, Comparative Controlled Clinical Studies** *BIOMETRICS*
Li, J., Zhao, L., Tian, L., Cai, T., Claggett, B., Callegaro, A., Dizier, B., Spiessens, B., Ulloa-Montoya, F., Wei, L.
2016; 72 (3): 877-887
- **VEGFR2-Targeted Three-Dimensional Ultrasound Imaging Can Predict Responses to Antiangiogenic Therapy in Preclinical Models of Colon Cancer.** *Cancer research*
Zhou, J., Wang, H., Zhang, H., Lutz, A. M., Tian, L., Hristov, D., Willmann, J. K.
2016; 76 (14): 4081-4089
- **Predicting Occurrence of Spine Surgery Complications Using "Big Data" Modeling of an Administrative Claims Database** *JOURNAL OF BONE AND JOINT SURGERY-AMERICAN VOLUME*
Ratliff, J. K., Balise, R., Veeravagu, A., Cole, T. S., Cheng, I., Olshen, R. A., Tian, L.
2016; 98 (10): 824-834
- **Robust estimation of the proportion of treatment effect explained by surrogate marker information** *STATISTICS IN MEDICINE*
Parast, L., McDermott, M. M., Tian, L.
2016; 35 (10): 1637-1653
- **NADPH oxidase deficiency underlies dysfunction of aged CD8(+) Tregs** *JOURNAL OF CLINICAL INVESTIGATION*
Wen, Z., Shimojima, Y., Shirai, T., Li, Y., Ju, J., Yang, Z., Tian, L., Goronzy, J. J., Weyand, C. M.
2016; 126 (5): 1953-1967
- **Community walking speed, sedentary or lying down time, and mortality in peripheral artery disease** *VASCULAR MEDICINE*
McDermott, M. M., Guralnik, J. M., Ferrucci, L., Tian, L., Kibbe, M. R., Greenland, P., Green, D., Liu, K., Zhao, L., Wilkins, J. T., Huffman, M. D., Shah, S. J., Liao, et al
2016; 21 (2): 120-129
- **Diversification of the antigen-specific T cell receptor repertoire after varicella zoster vaccination.** *Science translational medicine*
Qi, Q., Cavanagh, M. M., Le Saux, S., Namkoong, H., Kim, C., Turgano, E., Liu, Y., Wang, C., Mackey, S., Swan, G. E., Dekker, C. L., Olshen, R. A., Boyd, et al
2016; 8 (332): 332ra46-?
- **Restoring oxidant signaling suppresses proarthritogenic T cell effector functions in rheumatoid arthritis.** *Science translational medicine*
Yang, Z., Shen, Y., Oishi, H., Matteson, E. L., Tian, L., Goronzy, J. J., Weyand, C. M.
2016; 8 (331): 331ra38-?

- **The glycolytic enzyme PKM2 bridges metabolic and inflammatory dysfunction in coronary artery disease** *JOURNAL OF EXPERIMENTAL MEDICINE*
Shirai, T., Nazarewicz, R. R., Wallis, B. B., Yanes, R. E., Watanabe, R., Hilhorst, M., Tian, L., Harrison, D. G., Giacomini, J. C., Assimes, T. L., Goronzy, J. J., Weyand, C. M.
2016; 213 (3): 337-354
- **On the Restricted Mean Survival Time Curve in Survival Analysis** *BIOMETRICS*
Zhao, L., Claggett, B., Tian, L., Uno, H., Pfeffer, M. A., Solomon, S. D., Trippa, L., Wei, L. J.
2016; 72 (1): 215-221
- **Incidence and Prognostic Significance of Depressive Symptoms in Peripheral Artery Disease** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*
McDermott, M. M., Guralnik, J. M., Tian, L., Kibbe, M. R., Ferrucci, L., Zhao, L., Liu, K., Liao, Y., Gao, Y., Criqui, M. H.
2016; 5 (3)
- **Expression of CD39 on Activated T Cells Impairs their Survival in Older Individuals** *CELL REPORTS*
Fang, F., Yu, M., Cavanagh, M. M., Saunders, J. H., Qi, Q., Ye, Z., Le Saux, S., Sultan, W., Turgano, E., Dekker, C. L., Tian, L., Weyand, C. M., Goronzy, et al
2016; 14 (5): 1218-1231
- **Changes in D-dimer and inflammatory biomarkers before ischemic events in patients with peripheral artery disease: The BRAVO Study** *VASCULAR MEDICINE*
McDermott, M. M., Liu, K., Green, D., Greenland, P., Tian, L., Kibbe, M., Tracy, R., Shah, S., Wilkins, J. T., Huffman, M., Zhao, L., Huang, C., Auerbach, et al
2016; 21 (1): 12-20
- **strmst2 and strmst2pw: New commands to compare survival curves using the restricted mean survival time** *STATA JOURNAL*
Cronin, A., Tian, L., Uno, H.
2016; 16 (3): 702-716
- **Ultrasound Molecular Imaging of the Breast Cancer Neovasculature using Engineered Fibronectin Scaffold Ligands: A Novel Class of Targeted Contrast Ultrasound Agent.** *Theranostics*
Abou-Elkacem, L., Wilson, K. E., Johnson, S. M., Chowdhury, S. M., Bachawal, S., Hackel, B. J., Tian, L., Willmann, J. K.
2016; 6 (11): 1740-1752
- **A versatile test for equality of two survival functions based on weighted differences of Kaplan-Meier curves** *STATISTICS IN MEDICINE*
Uno, H., Tian, L., Claggett, B., Wei, L. J.
2015; 34 (28): 3680-3695
- **Ischemia-related changes in circulating stem and progenitor cells and associated clinical characteristics in peripheral artery disease** *VASCULAR MEDICINE*
Saber, R., Liu, K., Ferrucci, L., Criqui, M. H., Zhao, L., Tian, L., Guralnik, J. M., Liao, Y., Domanchuk, K., Kibbe, M. R., Green, D., Perlman, H., McDermott, et al
2015; 20 (6): 534-543
- **Three-dimensional Dynamic Contrast-enhanced US Imaging for Early Antiangiogenic Treatment Assessment in a Mouse Colon Cancer Model** *RADIOLOGY*
Wang, H., Hristov, D., Qin, J., Tian, L., Willmann, J. K.
2015; 277 (2): 424-434
- **Risks and benefits of sex-mismatched hematopoietic cell transplantation differ according to conditioning strategy.** *Haematologica*
Nakasone, H., Remberger, M., Tian, L., Brodin, P., Sahaf, B., Wu, F., Mattsson, J., Lowsky, R., Negrin, R., Miklos, D. B., Meyer, E.
2015; 100 (11): 1477-1485
- **Quantitative Assessment of Inflammation in a Porcine Acute Terminal Ileitis Model: US with a Molecularly Targeted Contrast Agent** *RADIOLOGY*
Wang, H., Felt, S. A., Machtaler, S., Guracar, I., Luong, R., Bettinger, T., Tian, L., Lutz, A. M., Willmann, J. K.
2015; 276 (3): 809-817
- **Association of 6-Minute Walk Performance and Physical Activity With Incident Ischemic Heart Disease Events and Stroke in Peripheral Artery Disease** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*
McDermott, M. M., Greenland, P., Tian, L., Kibbe, M. R., Green, D., Zhao, L., Criqui, M. H., Guralnik, J. M., Ferrucci, L., Liu, K., Wilkins, J. T., Huffman, M. D., Shah, et al
2015; 4 (7)
- **Breast Cancer Detection by B7-H3-Targeted Ultrasound Molecular Imaging.** *Cancer research*
Bachawal, S. V., Jensen, K. C., Wilson, K. E., Tian, L., Lutz, A. M., Willmann, J. K.

2015; 75 (12): 2501-2509

- **Allogeneic HY antibodies detected 3 months after female-to-male HCT predict chronic GVHD and nonrelapse mortality in humans** *BLOOD*
Nakasone, H., Tian, L., Sahaf, B., Kawase, T., Schoenrock, K., Perloff, S., Ryan, C. E., Paul, J., Popli, R., Wu, F., Otani, J. M., Coller, J., Warren, et al
2015; 125 (20): 3193-3201
- **Unsupervised Exercise and Mobility Loss in Peripheral Artery Disease: A Randomized Controlled Trial** *JOURNAL OF THE AMERICAN HEART ASSOCIATION*
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