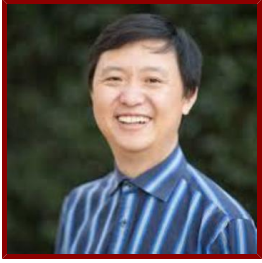



# Stanford

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## Lu Tian

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

 Resume available Online

### Bio

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#### ACADEMIC APPOINTMENTS

- Professor, Biomedical Data Science
- Professor (By courtesy), Statistics
- Member, Cardiovascular Institute

#### 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: <https://web.stanford.edu/~lutian/home.HTML>
- course site: <https://web.stanford.edu/~lutian/stat331.HTML>

### Research & Scholarship

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#### 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) Precision Medicine for Disease Diagnosis, Prognosis and Treatment.

### Teaching

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#### COURSES

##### 2021-22

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

##### 2020-21

- Clinical Trial Design in the Age of Precision Medicine and Health: BIODS 248, BIODS 248P (Spr)

- Consulting Workshop on Biomedical Data Science: BIODS 232 (Aut, Win, Spr)
- Inclusive Mentorship in Data Science: BIODS 360 (Spr)

#### 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)

### STANFORD ADVISEES

#### Master's Program Advisor

Zhongren Chen, Emily Dong, Quentin Hsu, Louie Kam, Alexander Ke, Isaac Kleisle-Murphy, Elianna Knight, Sahil Kulkarni, Anna Lan, Jong Ha Lee, Katherine Liu, Xingchen Liu, Yichen Liu, Michelle Lok, Srikar Nallan, Abby Pandya, Adam Papini, Kostya Sebov, Riya Sinha, Matthew Song, Harrison Stuckey, Gary Tseng

#### Doctoral (Program)

Bryan Cai, Ben Marafino

### Publications

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#### PUBLICATIONS

- **Quantifying the feasibility of shortening clinical trial duration using surrogate markers.** *Statistics in medicine*  
Wang, X., Cai, T., Tian, L., Bourgeois, F., Parast, L.  
2021
- **Chimeric Antigen Receptor T-Cell Therapy (CAR-T) in Adults with B-Cell Acute Lymphoblastic Leukemia (B-ALL): A Systematic Review and Meta-Analysis**  
Grover, P., Veilleux, O., Tian, L., Sun, R., Previtera, M., Curran, E., Muffly, L.  
CIG MEDIA GROUP, LP.2021: S454
- **Macrophage-derived IL-6 trans-signaling as a novel target in the pathogenesis of bronchopulmonary dysplasia.** *The European respiratory journal*  
Hirani, D., Alvira, C. M., Danopoulos, S., Milla, C., Donato, M., Tian, L., Mohr, J., Dinger, K., Vohlen, C., Selle, J., Koningsbruggen-Rietschel, S. V., Barbarino, V., Pallasch, et al  
2021
- **Semantic fluency and processing speed are reduced in non-cognitively impaired participants with Parkinson's disease.** *Journal of clinical and experimental neuropsychology*  
Cholerton, B. A., Poston, K. L., Yang, L., Rosenthal, L. S., Dawson, T. M., Pantelyat, A., Edwards, K. L., Tian, L., Quinn, J. F., Chung, K. A., Hiller, A. L., Hu, S., Montine, et al  
2021: 1-12
- **Supervised exercise therapy, blood pressure and heart rate during exercise, and functional impairment in Peripheral Artery Disease: results of a randomized clinical trial.** *Journal of vascular surgery*  
Slysz, J. T., Tian, L., Zhao, L., Zhang, D., McDermott, M. M.  
2021
- **Perceived Versus Objective Change in Walking Ability in Peripheral Artery Disease: Results from 3 Randomized Clinical Trials of Exercise Therapy.** *Journal of the American Heart Association*  
McDermott, M. M., Tian, L., Criqui, M. H., Ferrucci, L., Greenland, P., Guralnik, J. M., Kibbe, M. R., Li, L., Sufit, R., Zhao, L., Polonsky, T. S.  
2021: e017609
- **Quantifying the Effect of Lower vs Higher Positive End-Expiratory Pressure on Ventilator-Free Survival in ICU Patients** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*  
McCaw, Z. R., Tian, L., Wei, L.  
2021; 325 (15): 1566-+
- **Quantifying the Effect of Lower vs Higher Positive End-Expiratory Pressure on Ventilator-Free Survival in ICU Patients.** *JAMA*

- McCaw, Z. R., Tian, L., Wei, L.  
2021; 325 (15): 1566–67
- **Sustained physical activity in peripheral artery disease: Associations with disease severity, functional performance, health-related quality of life, and subsequent serious adverse events in the LITE randomized clinical trial.** *Vascular medicine (London, England)*  
Slysz, J. T., Rejeski, W. J., Treat-Jacobson, D., Bazzano, L. A., Forman, D. E., Manini, T. M., Criqui, M. H., Tian, L., Zhao, L., Zhang, D., Guralnik, J. M., Ferrucci, L., Kibbe, et al  
2021: 1358863X21989430
  - **Effect of Low-Intensity vs High-Intensity Home-Based Walking Exercise on Walk Distance in Patients With Peripheral Artery Disease: The LITE Randomized Clinical Trial.** *JAMA*  
McDermott, M. M., Spring, B., Tian, L., Treat-Jacobson, D., Ferrucci, L., Lloyd-Jones, D., Zhao, L., Polonsky, T., Kibbe, M. R., Bazzano, L., Guralnik, J. M., Forman, D. E., Rego, et al  
2021; 325 (13): 1266–76
  - **NONPARAMETRIC INFERENCE PROCEDURE FOR PERCENTILES OF THE RANDOM EFFECTS DISTRIBUTION IN META-ANALYSIS.** *The annals of applied statistics*  
Wang, R. n., Tian, L. n., Cai, T. n., Wei, L. J.  
; 4 (1): 520–32
  - **Cognition at Each Stage of Lewy Body Disease with Co-occurring Alzheimer's Disease Pathology.** *Journal of Alzheimer's disease : JAD*  
Ryman, S. G., Yutsis, M., Tian, L., Henderson, V. W., Montine, T. J., Salmon, D. P., Galasko, D., Poston, K. L.  
2021
  - **IFAA: Robust Association Identification and Inference for Absolute Abundance in Microbiome Analyses** *JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION*  
Li, Z., Tian, L., O'Malley, A., Karagas, M. R., Hoen, A. G., Christensen, B. C., Madan, J. C., Wu, Q., Gharaibeh, R. Z., Jobin, C., Li, H.  
2021
  - **Cognitive impairment in Parkinson's disease is associated with Default Mode Network subsystem connectivity and cerebrospinal fluid A $\beta$ .** *Parkinsonism & related disorders*  
Zarifkar, P. n., Kim, J. n., La, C. n., Zhang, K. n., YorkWilliams, S. n., Levine, T. F., Tian, L. n., Borghammer, P. n., Poston, K. L.  
2021; 83: 71–78
  - **Comparison of a Single-Session Pain Management Skills Intervention With a Single-Session Health Education Intervention and 8 Sessions of Cognitive Behavioral Therapy in Adults With Chronic Low Back Pain: A Randomized Clinical Trial.** *JAMA network open*  
Darnall, B. D., Roy, A., Chen, A. L., Ziadni, M. S., Keane, R. T., You, D. S., Slater, K., Poupore-King, H., Mackey, I., Kao, M. C., Cook, K. F., Lorig, K., Zhang, et al  
2021; 4 (8): e2113401
  - **How to Quantify and Interpret Treatment Effects in Comparative Clinical Studies of COVID-19.** *Annals of internal medicine*  
Tian, L., Vassy, J. L., Ritchie, C. S., Lee, C., Kim, D. H.  
2021; 174 (5): 731-732
  - **Histone deficiency and accelerated replication stress in T cell aging.** *The Journal of clinical investigation*  
Kim, C., Jin, J., Ye, Z., Jadhav, R. R., Gustafson, C. E., Hu, B., Cao, W., Tian, L., Weyand, C. M., Goronzy, J. J.  
2021; 131 (11)
  - **Effect of sunflower seed oil emollient therapy on newborn infant survival in Uttar Pradesh, India: A community-based, cluster randomized, open-label controlled trial.** *PLoS medicine*  
Kumar, A., Mishra, S., Singh, S., Ashraf, S., Kan, P., Ghosh, A. K., Kumar, A., Krishna, R., Stevenson, D. K., Tian, L., Elias, P. M., Darmstadt, G. L., Kumar, et al  
2021; 18 (9): e1003680
  - **Statistical Considerations for Sequential Analysis of the Restricted Mean Survival Time for Randomized Clinical Trials.** *Statistics in biopharmaceutical research*  
Lu, Y. n., Tian, L. n.  
2021; 13 (2): 210–18
  - **Estimation and Validation of Ratio-based Conditional Average Treatment Effects Using Observational Data.** *Journal of the American Statistical Association*  
Yadlowsky, S. n., Pellegrini, F. n., Lionetto, F. n., Braune, S. n., Tian, L. n.  
2021; 116 (533): 335–52

- **Examination of factors associated with lymph node metastases in lung carcinoids: Results from a single institution retrospective cohort study.** *Lung cancer (Amsterdam, Netherlands)*  
Pathipati, M. P., Yohannan, T. K., Tian, L. n., Hornbacker, K. n., Benson, J. A., Berry, G. J., Lui, N. S., Kunz, P. L., Padda, S. K.  
2021
- **Low InTensity Exercise (LITE) Intervention to Improve Walking Performance in Peripheral Artery Disease: A Multi-centered Randomized Clinical Trial**  
McDermott, M. M., Spring, B., Bazzano, L. A., Criqui, M. H., Domanchuk, K., Ferrucci, L., Forman, D. E., Guralnik, J., Kibbe, M. R., Leeuwenburgh, C., Lloyd-Jones, D. M., Manini, T., Polonsky, et al  
LIPPINCOTT WILLIAMS & WILKINS.2020: E487–E488
- **Low InTensity Exercise (LITE) Intervention to Improve Walking Performance in Peripheral Artery Disease: A Multi-centered Randomized Clinical Trial**  
McDermott, M. M., Spring, B., Bazzano, L. A., Criqui, M. H., Domanchuk, K., Ferrucci, L., Forman, D. E., Guralnik, J., Kibbe, M. R., Leeuwenburgh, C., Lloyd-Jones, D. M., Manini, T., Polonsky, et al  
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- **Maternal metabolic profiling to assess fetal gestational age and predict preterm delivery: a two-centre retrospective cohort study in the US.** *BMJ open*  
Sylvester, K. G., Hao, S., You, J., Zheng, L., Tian, L., Yao, X., Mo, L., Ladella, S., Wong, R. J., Shaw, G. M., Stevenson, D. K., Cohen, H. J., Whitin, et al  
2020; 10 (12): e040647
- **A likelihood ratio test on temporal trends in age-period-cohort models with applications to the disparities of heart disease mortality among US populations and comparison with Japan.** *Statistics in medicine*  
Fu, W., Ding, J., Gao, K., Ma, S., Tian, L.  
2020
- **Risk of pre-term births and major birth defects resulting from paternal intake of COVID-19 medications prior to conception.** *BMC research notes*  
Rizzi, S., Wensink, M. J., Lindahl-Jacobsen, R., Tian, L., Lu, Y., Eisenberg, M. L.  
2020; 13 (1): 509
- **Survival analysis of treatment efficacy in comparative COVID-19 studies.** *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*  
McCaw, Z. R., Tian, L., Kim, D. H., Localio, A. R., Wei, L.  
2020
- **Statistical Considerations for Sequential Analysis of the Restricted Mean Survival Time for Randomized Clinical Trials** *STATISTICS IN BIOPHARMACEUTICAL RESEARCH*  
Lu, Y., Tian, L.  
2020
- **Evaluating multiple surrogate markers with censored data.** *Biometrics*  
Parast, L., Cai, T., Tian, L.  
2020
- **Selecting appropriate endpoints for assessing treatment effects in comparative clinical studies for COVID-19.** *Contemporary clinical trials*  
McCaw, Z. R., Tian, L., Sheth, K. N., Hsu, W., Kimberly, W. T., Wei, L.  
2020: 106145
- **Adjusting Coronavirus Prevalence Estimates for Laboratory Test Kit Error.** *American journal of epidemiology*  
Sempos, C. T., Tian, L.  
2020
- **Associations of Poly (ADP-Ribose) Polymerase1 abundance in calf skeletal muscle with walking performance in peripheral artery disease.** *Experimental gerontology*  
Saini, S. K., Li, L., Peek, C. B., Kosmac, K., Polonsky, T. S., Tian, L., Criqui, M. H., Ferrucci, L., Guralnik, J. M., Kibbe, M., Sufit, R. L., Leeuwenburgh, C., McDermott, et al  
2020: 111048
- **Analysis of Response Data for Assessing Treatment Effects in Comparative Clinical Studies.** *Annals of internal medicine*  
Huang, B., Tian, L., McCaw, Z. R., Luo, X., Talukder, E., Rothenberg, M., Xie, W., Choueiri, T. K., Kim, D. H., Wei, L.  
2020

- **Estimation and Validation of Ratio-based Conditional Average Treatment Effects Using Observational Data** *JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION*  
Yadlowsky, S., Pellegrini, F., Lionetto, F., Braune, S., Tian, L.  
2020
- **Correlations of Calf Muscle Macrophage Content With Muscle Properties and Walking Performance in Peripheral Artery Disease.** *Journal of the American Heart Association*  
Kosmac, K., Gonzalez-Freire, M., McDermott, M. M., White, S. H., Walton, R. G., Sufit, R. L., Tian, L., Li, L., Kibbe, M. R., Criqui, M. H., Guralnik, J. M., S Polonsky, T., Leeuwenburgh, et al  
2020: e015929
- **Fulvestrant plus capivasertib for metastatic breast cancer** *LANCET ONCOLOGY*  
Ludmir, E. B., McCaw, Z. R., Kim, D., Tian, L., Wei, L.  
2020; 21 (5): E233
- **White Matter Hyperintensities Related to Parkinson's Disease Executive Function** *MOVEMENT DISORDERS CLINICAL PRACTICE*  
Linortner, P., McDaniel, C., Shahid, M., Levine, T. F., Tian, L., Cholerton, B., Poston, K. L.  
2020
- **Association of six-minute walk distance with subsequent lower extremity events in peripheral artery disease.** *Vascular medicine (London, England)*  
Nayak, P., Guralnik, J. M., Polonsky, T. S., Kibbe, M. R., Tian, L., Zhao, L., Criqui, M. H., Ferrucci, L., Li, L., Zhang, D., McDermott, M. M.  
2020: 1358863X20901599
- **MEANINGFUL CHANGE IN SIX-MINUTE WALK IN PEOPLE WITH PERIPHERAL ARTERY DISEASE.** *Journal of vascular surgery*  
McDermott, M. M., Tian, L., Criqui, M. H., Ferrucci, L., Conte, M. S., Zhao, L., Li, L., Sufit, R., Polonsky, T. S., Kibbe, M. R., Greenland, P., Leeuwenburgh, C., Guralnik, et al  
2020
- **Is the Log-Rank and Hazard Ratio Test/Estimation the Best Approach for Primary Analysis for All Trials?** *Journal of clinical oncology : official journal of the American Society of Clinical Oncology*  
Uno, H., Tian, L.  
2020: JCO1903097
- **Associations of Peripheral Artery Disease With Calf Skeletal Muscle Mitochondrial DNA Heteroplasmy.** *Journal of the American Heart Association*  
Gonzalez-Freire, M., Moore, A. Z., Peterson, C. A., Kosmac, K., McDermott, M. M., Sufit, R. L., Guralnik, J. M., Polonsky, T., Tian, L., Kibbe, M. R., Criqui, M. H., Li, L., Leeuwenburgh, et al  
2020; 9 (7): e015197
- **Assessing the value of a censored surrogate outcome** *LIFETIME DATA ANALYSIS*  
Parast, L., Tian, L., Cai, T.  
2020; 26 (2): 245–65
- **Model-free approach to quantifying the proportion of treatment effect explained by a surrogate marker** *BIOMETRIKA*  
Wang, X., Parast, L., Tian, L., Cai, T.  
2020; 107 (1): 107–22
- **Immune cell repertoires in breast cancer patients after adjuvant chemotherapy.** *JCI insight*  
Gustafson, C. E., Jadhav, R., Cao, W., Qi, Q., Pegram, M., Tian, L., Weyand, C. M., Goronzy, J. J.  
2020; 5 (4)
- **Nonparametric estimation of risk tracking indices for longitudinal studies** *STATISTICAL METHODS IN MEDICAL RESEARCH*  
Wu, C. O., Tian, X., Tian, L., Reis, J. P., Zhao, L., Allen, N. B., Bae, S., Liu, K.  
2020; 29 (2): 481–97
- **Mucus plugging, air trapping, and bronchiectasis are important outcome measures in assessing progressive childhood cystic fibrosis lung disease.** *Pediatric pulmonology*  
Robinson, T. E., Goris, M. L., Moss, R. B., Tian, L., Kan, P., Yilma, M., McCoy, K. S., Newman, B., de Jong, P. A., Long, F. R., Brody, A. S., Behrje, R., Yates, et al  
2020

- **Participant and Study Partner Reported Impact of Cognition on Functional Activities in Parkinson's Disease** *MOVEMENT DISORDERS CLINICAL PRACTICE*  
Cholerton, B., Poston, K. L., Tian, L., Quinn, J. F., Chung, K. A., Hiller, A. L., Hu, S., Specketer, K., Montine, T. J., Edwards, K. L., Zabetian, C. P.  
2020; 7 (1): 61–69
- **A data capture model and its associate study on the public web published COVID-19 data**  
Liang, Z., Zhang, P., Liu, B., Xu, N., Tian, L., Lu, Y., Park, T., Cho, Y. R., Hu, Yoo, Woo, H. G., Wang, J., Facelli, J., Nam, et al  
IEEE COMPUTER SOC.2020: 2005-2008
- **Multivariate prediction of dementia in Parkinson's disease.** *NPJ Parkinson's disease*  
Phongpreecha, T., Cholerton, B., Mata, I. F., Zabetian, C. P., Poston, K. L., Aghaeepour, N., Tian, L., Quinn, J. F., Chung, K. A., Hiller, A. L., Hu, S. C., Edwards, K. L., Montine, et al  
2020; 6 (1): 20
- **Cerebral Oxygenation and Autoregulation in Preterm Infants (Early NIRS Study).** *The Journal of pediatrics*  
Chock, V. Y., Kwon, S. H., Ambalavanan, N. n., Batton, B. n., Nelin, L. D., Chalak, L. F., Tian, L. n., Van Meurs, K. P.  
2020
- **Cocoa to Improve Walking Performance in Older People With Peripheral Artery Disease: The Cocoa-Pad Pilot Randomized Clinical Trial.** *Circulation research*  
McDermott, M. M., Criqui, M. H., Domanchuk, K. n., Ferrucci, L. n., Guralnik, J. M., Kibbe, M. n., Kosmac, K. n., Kramer, C. M., Leeuwenburgh, C. n., Li, L. n., Lloyd-Jones, D. M., Peterson, C. A., Polonsky, et al  
2020
- **Soluble TREM2 is elevated in Parkinson's disease subgroups with increased CSF tau.** *Brain : a journal of neurology*  
Wilson, E. N., Swarovski, M. S., Linortner, P. n., Shahid, M. n., Zuckerman, A. J., Wang, Q. n., Channappa, D. n., Minhas, P. S., Mhatre, S. D., Plowey, E. D., Quinn, J. F., Zabetian, C. P., Tian, et al  
2020
- **Clinical Characteristics and Response to Supervised Exercise Therapy in People with Lower Extremity Peripheral Artery Disease.** *Journal of vascular surgery*  
Patel, K. n., Polonsky, T. S., Kibbe, M. R., Guralnik, J. M., Tian, L. n., Ferrucci, L. n., Criqui, M. H., Sufit, R. n., Leeuwenburgh, C. n., Zhang, D. n., Zhao, L. n., McDermott, M. M.  
2020
- **Fulvestrant plus capivasertib for metastatic breast cancer.** *The Lancet. Oncology*  
Ludmir, E. B., McCaw, Z. R., Kim, D. H., Tian, L. n., Wei, L. J.  
2020; 21 (5): e233
- **Mitochondrial DNA damage in calf skeletal muscle and walking performance in people with peripheral artery disease.** *Free radical biology & medicine*  
Saini, S. K., McDermott, M. M., Picca, A. n., Li, L. n., Wohlgemuth, S. E., Kosmac, K. n., Peterson, C. A., Tian, L. n., Ferrucci, L. n., Guralnik, J. M., Sufit, R. L., Leeuwenburgh, C. n.  
2020
- **Response to the letter by Guogen Shan, Hua Zhang, and Tao Jiang.** *Statistics in medicine*  
Gronsbell, J. n., Tian, L. n.  
2020; 39 (22): 3024–25
- **Effect of Electroacupuncture vs Sham Treatment on Change in Pain Severity Among Adults With Chronic Low Back Pain: A Randomized Clinical Trial.** *JAMA network open*  
Kong, J. T., Puetz, C. n., Tian, L. n., Haynes, I. n., Lee, E. n., Stafford, R. S., Manber, R. n., Mackey, S. n.  
2020; 3 (10): e2022787
- **White Matter Hyperintensities Related to Parkinson's Disease Executive Function.** *Movement disorders clinical practice*  
Linortner, P. n., McDaniel, C. n., Shahid, M. n., Levine, T. F., Tian, L. n., Cholerton, B. n., Poston, K. L.  
2020; 7 (6): 629–38
- **On the empirical choice of the time window for restricted mean survival time.** *Biometrics*  
Tian, L. n., Jin, H. n., Uno, H. n., Lu, Y. n., Huang, B. n., Anderson, K. M., Wei, L. J.  
2020

- **Risk of pre-term births and major birth defects resulting from paternal intake of COVID-19 medications prior to conception.** *Research square*  
Rizzi, S. n., Wensink, M. J., Lindahl-Jacobsen, R. n., Tian, L. n., Lu, Y. n., Eisenberg, M. n.  
2020
- **Changes in pregnancy-related serum biomarkers early in gestation are associated with later development of preeclampsia.** *PloS one*  
Hao, S. n., You, J. n., Chen, L. n., Zhao, H. n., Huang, Y. n., Zheng, L. n., Tian, L. n., Maric, I. n., Liu, X. n., Li, T. n., Bianco, Y. K., Winn, V. D., Aghaeepour, et al  
2020; 15 (3): e0230000
- **Appropriate Analysis of Duration of Response Data in Cancer Trials.** *JAMA oncology*  
McCaw, Z. R., Tian, L. n., Wei, L. J.  
2020
- **Multivariate prediction of dementia in Parkinson's disease.** *NPJ Parkinson's disease*  
Phongpreecha, T. n., Cholerton, B. n., Mata, I. F., Zabetian, C. P., Poston, K. L., Aghaeepour, N. n., Tian, L. n., Quinn, J. F., Chung, K. A., Hiller, A. L., Hu, S. C., Edwards, K. L., Montine, et al  
2020; 6: 20
- **How to Quantify and Interpret Treatment Effects in Comparative Clinical Studies of COVID-19.** *Annals of internal medicine*  
McCaw, Z. R., Tian, L. n., Vassy, J. L., Ritchie, C. S., Lee, C. C., Kim, D. H., Wei, L. J.  
2020
- **Distinct Age-Related Epigenetic Signatures in CD4 and CD8 T Cells.** *Frontiers in immunology*  
Hu, B., Jadhav, R. R., Gustafson, C. E., Le Saux, S., Ye, Z., Li, X., Tian, L., Weyand, C. M., Goronzy, J. J.  
2020; 11: 585168
- **Succinyl-CoA Ligase Deficiency in Pro-inflammatory and Tissue-Invasive T Cells.** *Cell metabolism*  
Wu, B. n., Qiu, J. n., Zhao, T. V., Wang, Y. n., Maeda, T. n., Goronzy, I. N., Akiyama, M. n., Ohtsuki, S. n., Jin, K. n., Tian, L. n., Goronzy, J. J., Weyand, C. M.  
2020; 32 (6): 967–80.e5
- **Author Correction: In vivo clonal expansion and phenotypes of hypocretin-specific CD4+ T cells in narcolepsy patients and controls.** *Nature communications*  
Jiang, W. n., Birtley, J. R., Hung, S. C., Wang, W. n., Chiou, S. H., Macaubas, C. n., Kornum, B. n., Tian, L. n., Huang, H. n., Adler, L. n., Weaver, G. n., Lu, L. n., Ilstad-Minnihan, et al  
2020; 11 (1): 242
- **Exact inference for the random-effect model for meta-analyses with rare events.** *Statistics in medicine*  
Gronsbell, J., Hong, C., Nie, L., Lu, Y., Tian, L.  
2019
- **Assessing Clinical Equivalence in Oncology Biosimilar Trials With Time-to-Event Outcomes** *JNCI CANCER SPECTRUM*  
Uno, H., Schrag, D., Kim, D., Tang, D., Tian, L., Rugo, H. S., Wei, L.  
2019; 3 (4)
- **In vivo clonal expansion and phenotypes of hypocretin-specific CD4+ T cells in narcolepsy patients and controls.** *Nature communications*  
Jiang, W., Birtley, J. R., Hung, S., Wang, W., Chiou, S., Macaubas, C., Kornum, B., Tian, L., Huang, H., Adler, L., Weaver, G., Lu, L., Ilstad-Minnihan, et al  
2019; 10 (1): 5247
- **Trajectory analysis for postoperative pain using electronic health records: A nonparametric method with robust linear regression and K-medians cluster analysis.** *Health informatics journal*  
Weng, Y., Tian, L., Tedesco, D., Desai, K., Asch, S. M., Carroll, I., Curtin, C., McDonald, K. M., Hernandez-Boussard, T.  
2019: 1460458219881339
- **Robust Alternatives to ANCOVA for Estimating the Treatment Effect via a Randomized Comparative Study** *JOURNAL OF THE AMERICAN STATISTICAL ASSOCIATION*  
Jiang, F., Tian, L., Fu, H., Hasegawa, T., Wei, L. J.  
2019; 114 (528): 1854–64
- **Loss-of-function of the DNA Repair Nuclease MRE11A Induces Mitochondrial Failure and Tissue Inflammation in Rheumatoid Arthritis**  
Li, Y., Shen, Y., Jin, K., Wen, Z., Cao, W., Wu, B., Wen, R., Tian, L., Berry, G., Goronzy, J., Weyand, C.

WILEY.2019

- **Comment on "Interpreting Clinical Benefits of Neoadjuvant Chemoradiation With Gemcitabine Versus Upfront Surgery in Patients With Borderline Resectable Pancreatic Cancer (BRPC)"** *ANNALS OF SURGERY*  
Wei, L., McCaw, Z. R., Tian, L., Kim, D.  
2019; 270 (2): E48–E50
- **The DNA Repair Nuclease MRE11A Functions as a Mitochondrial Protector and Prevents T Cell Pyroptosis and Tissue Inflammation.** *Cell metabolism*  
Li, Y., Shen, Y., Jin, K., Wen, Z., Cao, W., Wu, B., Wen, R., Tian, L., Berry, G. J., Goronzy, J. J., Weyand, C. M.  
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