

Stanford



Alexander Ren

MD Student with Scholarly Concentration in Molecular Basis of Medicine / Neuroscience, Behavior, and Cognition, expected graduation Spring 2026

Publications

PUBLICATIONS

- **Getting What You Pay For: Impact of Copayments on Physical Therapy and Opioid Initiation, Timing, and Continuation for Newly Diagnosed Low Back Pain.** *The spine journal : official journal of the North American Spine Society*
Jin, M. C., Jensen, M., Barros Guinle, M. I., Ren, A., Zhou, Z., Zygourakis, C. C., Desai, A. M., Veeravagu, A., Ratliff, J. K.
2024
- **Para-infectious brain injury in COVID-19 persists at follow-up despite attenuated cytokine and autoantibody responses.** *Nature communications*
Michael, B. D., Dunai, C., Needham, E. J., Tharmaratnam, K., Williams, R., Huang, Y., Boardman, S. A., Clark, J. J., Sharma, P., Subramaniam, K., Wood, G. K., Collie, C., Digby, et al
2023; 14 (1): 8487
- **MITOCHONDRIAL ATP BIOGENESIS REGULATED BY VDAC1 IN TMEM119+TUMOR-ASSOCIATED MICROGLIA AND MACROPHAGES MEDIATES HIGH-GRADE GLIOMA GROWTH**
Wu, C., Chen, Y., Lin, Y., Wei, K., Chang, K., Feng, L., Wu, A., Chen, K., Ren, A., Nitta, R., Wu, J., Pant, A., Cho, et al
OXFORD UNIV PRESS INC.2023
- **Selective prediction for extracting unstructured clinical data.** *Journal of the American Medical Informatics Association : JAMIA*
Swaminathan, A., Lopez, I., Wang, W., Srivastava, U., Tran, E., Bhargava-Shah, A., Wu, J. Y., Ren, A. L., Caoili, K., Bui, B., Alkhani, L., Lee, S., Mohit, et al
2023
- **Translational Models in Glioma Immunotherapy Research.** *Current oncology (Toronto, Ont.)*
Ren, A. L., Wu, J. Y., Lee, S. Y., Lim, M.
2023; 30 (6): 5704-5718
- **Opioid usage in lumbar disc herniation patients with nonsurgical, early, and late surgical treatments.** *World neurosurgery*
Zhou, Z., Jin, M. C., Jensen, M. R., Barros Guinle, M. I., Ren, A., Agarwal, A. A., Leaston, J., Ratliff, J. K.
2023
- **Brain injury in COVID-19 is associated with dysregulated innate and adaptive immune responses.** *Brain : a journal of neurology*
Needham, E. J., Ren, A. L., Digby, R. J., Norton, E. J., Ebrahimi, S., Outtrim, J. G., Chatfield, D. A., Manktelow, A. E., Leibowitz, M. M., Newcombe, V. F., Doffinger, R., Barcenas-Morales, G., Fonseca, et al
2022
- **Immunometabolism, a new therapeutic development for immunotherapies of high-grade gliomas: a narrative review.** *Chinese clinical oncology*
Wu, J. Y., Ren, A. L., Lim, M.
2022; 11 (4): 26
- **Health Care Resource Utilization in Management of Opioid-Naive Patients With Newly Diagnosed Neck Pain.** *JAMA network open*
Jin, M. C., Jensen, M., Zhou, Z., Rodrigues, A., Ren, A., Barros Guinle, M. I., Veeravagu, A., Zygourakis, C. C., Desai, A. M., Ratliff, J. K.
2022; 5 (7): e2222062
- **Neurological update: COVID-19.** *Journal of neurology*
Ren, A. L., Digby, R. J., Needham, E. J.

