

## Jacob Edelson

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### Publications

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#### PUBLICATIONS

- **Deconvoluting complex correlates of COVID-19 severity with a multi-omic pandemic tracking strategy.** *Nature communications*  
Parikh, V. N., Ioannidis, A. G., Jimenez-Morales, D., Gorzynski, J. E., De Jong, H. N., Liu, X., Roque, J., Cepeda-Espinoza, V. P., Osoegawa, K., Hughes, C., Sutton, S. C., Youlton, N., Joshi, et al  
2022; 13 (1): 5107
- **The Genetic Etiology of Periodic Leg Movement in Sleep.** *Sleep*  
Edelson, J. L., Schneider, L. D., Amar, D., Brink-Kjaer, A., Cederberg, K. L., Kutalik, Z., Hagen, E. W., Peppard, P. E., Tempaku, P. F., Tufik, S., Evans, D. S., Stone, K., Tranah, et al  
2022
- **The shared genetic architectures between lung cancer and multiple polygenic phenotypes in genome-wide association studies.** *Cancer epidemiology, biomarkers & prevention : a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology*  
Byun, J., Han, Y., Ostrom, Q. T., Edelson, J., Walsh, K. M., Pettit, R. W., Bondy, M. L., Hung, R. J., McKay, J. D., Amos, C. I.  
2021
- **Partitioned glioma heritability shows subtype-specific enrichment in immune cells.** *Neuro-oncology*  
Ostrom, Q. T., Edelson, J., Byun, J., Han, Y., Kinnersley, B., Melin, B., Houlston, R. S., Monje, M., Walsh, K. M., Amos, C. I., Bondy, M. L.  
2021
- **Genetic correlation analysis identifies glioma heritability enrichment in immune cell types and novel protective associations with auto-immune conditions**  
Ostrom, Q. T., Edelson, J., Byun, J., Han, Y., Walsh, K., Amos, C., Bondy, M., GLIOGENE Consortium  
AMER ASSOC CANCER RESEARCH.2020
- **Genetic correlation between lung cancer and environmental exposures**  
Pettit, R., Byun, J., Han, Y., Edelson, J., Ostrom, Q., Walsh, K., Bondy, M., McKay, J., Amos, C., INTEGRAL Consortium  
AMER ASSOC CANCER RESEARCH.2020
- **Genetic Architecture of Lung Cancer Using Machine-Learning Approaches in Genome-Wide Association Studies**  
Byun, J., Han, Y., Edelson, J., Ostrom, Q., Amos, C.  
ELSEVIER SCIENCE INC.2019: S516–S517