



## Sydney Covitz

Ph.D. Student in Bioengineering, admitted Autumn 2023

### Publications

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#### PUBLICATIONS

- **A sensorimotor-association axis of thalamocortical connection development.** *bioRxiv : the preprint server for biology*  
Sydnor, V. J., Bagautdinova, J., Larsen, B., Arcaro, M. J., Barch, D. M., Bassett, D. S., Alexander-Bloch, A. F., Cook, P. A., Covitz, S., Franco, A. R., Gur, R. E., Gur, R. C., Mackey, et al  
2024
- **Curation of BIDS (CuBIDS): A workflow and software package for streamlining reproducible curation of large BIDS datasets** *NEUROIMAGE*  
Covitz, S., Tapera, T. M., Adebimpe, A., Alexander-Bloch, A. F., Bertolero, M. A., Feczko, E., Franco, A. R., Gur, R. E., Gur, R. C., Hendrickson, T., Houghton, A., Mehta, K., Murtha, et al  
2022; 263: 119609
- **Functional connectivity development along the sensorimotor-association axis enhances the cortical hierarchy.** *Nature communications*  
Luo, A. C., Sydnor, V. J., Pines, A., Larsen, B., Alexander-Bloch, A. F., Cieslak, M., Covitz, S., Chen, A. A., Esper, N. B., Feczko, E., Franco, A. R., Gur, R. E., Gur, et al  
2024; 15 (1): 3511
- **Author Correction: An analysis-ready and quality controlled resource for pediatric brain white-matter research.** *Scientific data*  
Richie-Halford, A., Cieslak, M., Ai, L., Caffarra, S., Covitz, S., Franco, A. R., Karipidis, I. I., Kruper, J., Milham, M., Avelar-Pereira, B., Roy, E., Sydnor, V. J., Yeatman, et al  
2023; 10 (1): 247
- **Development of top-down cortical propagations in youth.** *Neuron*  
Pines, A., Keller, A. S., Larsen, B., Bertolero, M., Ashourvan, A., Bassett, D. S., Cieslak, M., Covitz, S., Fan, Y., Feczko, E., Houghton, A., Rueter, A. R., Saggari, et al  
2023
- **Author Correction: An analysis-ready and quality controlled resource for pediatric brain white-matter research.** *Scientific data*  
Richie-Halford, A., Cieslak, M., Ai, L., Caffarra, S., Covitz, S., Franco, A. R., Karipidis, I. I., Kruper, J., Milham, M., Avelar-Pereira, B., Roy, E., Sydnor, V. J., Yeatman, et al  
2022; 9 (1): 709
- **Publisher Correction: An analysis-ready and quality controlled resource for pediatric brain white-matter research.** *Scientific data*  
Richie-Halford, A., Cieslak, M., Ai, L., Caffarra, S., Covitz, S., Franco, A. R., Karipidis, I. I., Kruper, J., Milham, M., Avelar-Pereira, B., Roy, E., Sydnor, V. J., Yeatman, et al  
2022; 9 (1): 665
- **An analysis-ready and quality controlled resource for pediatric brain white-matter research.** *Scientific data*  
Richie-Halford, A., Cieslak, M., Ai, L., Caffarra, S., Covitz, S., Franco, A. R., Karipidis, I. I., Kruper, J., Milham, M., Avelar-Pereira, B., Roy, E., Sydnor, V. J., Yeatman, et al  
2022; 9 (1): 616
- **ASLPrep: a platform for processing of arterial spin labeled MRI and quantification of regional brain perfusion.** *Nature methods*

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Adebimpe, A., Bertolero, M., Dolui, S., Cieslak, M., Murtha, K., Baller, E. B., Boeve, B., Boxer, A., Butler, E. R., Cook, P., Colcombe, S., Covitz, S., Davatzikos, et al  
2022; 19 (6): 683-686