

Stanford

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Bio

BIO

The "publication topics for this person" are algorithmically generated and do not reflect either current or previous research interests.

Publications

PUBLICATIONS

- **Differentiable programming for functional connectomics** *Proceedings of the 2nd Machine Learning for Health symposium*
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- **Mitigating head motion artifact in functional connectivity MRI**. *Nature protocols*
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- **Contextual connectivity: A framework for understanding the intrinsic dynamic architecture of large-scale functional brain networks**. *Scientific reports*
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- **TemplateFlow: FAIR-sharing of multi-scale, multi-species brain models**. *Nature methods*
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- **Efficient coding in the economics of human brain connectomics**. *Network neuroscience (Cambridge, Mass.)*
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- **Optimization of energy state transition trajectory supports the development of executive function during youth**. *eLife*
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- **Temporal sequences of brain activity at rest are constrained by white matter structure and modulated by cognitive demands**. *Communications biology*
Cornblath, E. J., Ashourvan, A. n., Kim, J. Z., Betzel, R. F., Ciric, R. n., Adebimpe, A. n., Baum, G. L., He, X. n., Ruparel, K. n., Moore, T. M., Gur, R. C., Gur, R. E., Shinohara, et al
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- **Development of structure-function coupling in human brain networks during youth.** *Proceedings of the National Academy of Sciences of the United States of America*
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● **The regulation of positive and negative emotions through instructed causal attributions in lifetime depression - A functional magnetic resonance imaging study *NEUROIMAGE-CLINICAL***

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● **Common Dimensional Reward Deficits Across Mood and Psychotic Disorders: A Connectome-Wide Association Study *AMERICAN JOURNAL OF PSYCHIATRY***

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