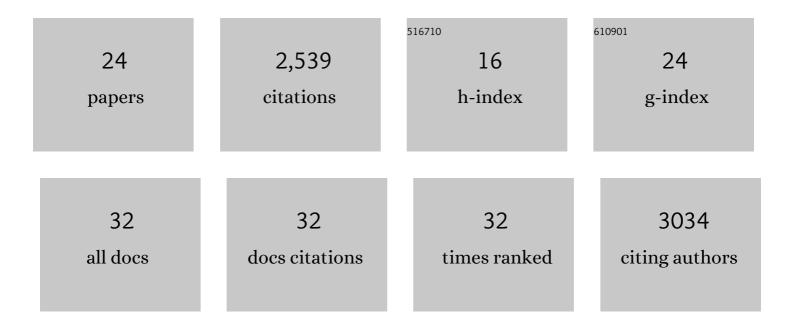


List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Detecting brain lesions in suspected acute ischemic stroke with CT-based synthetic MRI using generative adversarial networks. Annals of Translational Medicine, 2022, 10, 35-35. | 1.7 | 11 |
| 2 | Age-associated network controllability changes in first episode drug-naÃ⁻ve schizophrenia. BMC Psychiatry, 2022, 22, 26. | 2.6 | 2 |
| 3 | Network controllability mediates the relationship between rigid structure and flexible dynamics. Network Neuroscience, 2022, 6, 275-297. | 2.6 | 9 |
| 4 | Control theory illustrates the energy efficiency in the dynamic reconfiguration of functional connectivity. Communications Biology, 2022, 5, 295. | 4.4 | 7 |
| 5 | Measurement reliability for individual differences in multilayer network dynamics: Cautions and considerations. Neurolmage, 2021, 225, 117489. | 4.2 | 24 |
| 6 | Pairwise maximum entropy model explains the role of white matter structure in shaping emergent co-activation states. Communications Biology, 2021, 4, 210. | 4.4 | 10 |
| 7 | Benchmarking Measures of Network Controllability on Canonical Graph Models. Journal of Nonlinear Science, 2020, 30, 2195-2233. | 2.1 | 27 |
| 8 | Unifying the Notions of Modularity and Core–Periphery Structure in Functional Brain Networks during Youth. Cerebral Cortex, 2020, 30, 1087-1102. | 2.9 | 16 |
| 9 | Optimization of energy state transition trajectory supports the development of executive function during youth. ELife, 2020, 9, . | 6.0 | 47 |
| 10 | RE: Warnings and caveats in brain controllability. NeuroImage, 2019, 197, 586-588. | 4.2 | 19 |
| 11 | Temporal lobe epilepsy. Neurology, 2019, 92, e2209-e2220. | 1.1 | 80 |
| 12 | The Energy Landscape of Neurophysiological Activity Implicit in Brain Network Structure. Scientific Reports, 2018, 8, 2507. | 3.3 | 81 |
| 13 | Detecting hierarchical genome folding with network modularity. Nature Methods, 2018, 15, 119-122. | 19.0 | 106 |
| 14 | Linked dimensions of psychopathology and connectivity in functional brain networks. Nature Communications, 2018, 9, 3003. | 12.8 | 323 |
| 15 | Network changes associated with transdiagnostic depressive symptom improvement following cognitive behavioral therapy in MDD and PTSD. Molecular Psychiatry, 2018, 23, 2314-2323. | 7.9 | 30 |
| 16 | Optimal trajectories of brain state transitions. NeuroImage, 2017, 148, 305-317. | 4.2 | 143 |
| 17 | Functional hypergraph uncovers novel covariant structures over neurodevelopment. Human Brain Mapping, 2017, 38, 3823-3835. | 3.6 | 44 |
| 18 | The energy landscape underpinning module dynamics in the human brain connectome. NeuroImage, 2017, 157, 364-380. | 4.2 | 53 |

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Developmental increases in white matter network controllability support a growing diversity of brain dynamics. Nature Communications, 2017, 8, 1252. | 12.8 | 140 |
| 20 | Autaptic Connections Shift Network Excitability and Bursting. Scientific Reports, 2017, 7, 44006. | 3.3 | 39 |
| 21 | Stimulation-Based Control of Dynamic Brain Networks. PLoS Computational Biology, 2016, 12, e1005076. | 3.2 | 234 |
| 22 | Optimally controlling the human connectome: the role of network topology. Scientific Reports, 2016, 6, 30770. | 3.3 | 190 |
| 23 | Controllability of structural brain networks. Nature Communications, 2015, 6, 8414. | 12.8 | 600 |
| 24 | Emergence of system roles in normative neurodevelopment. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 13681-13686. | 7.1 | 292 |