# Todd M Herrington

List of Publications by Year
in descending order



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|---|---|---|---|
| 19 papers | 2,248 citations | 623734 14 h-index | 752698 20 g-index |
| 20 all docs | 20 docs citations | 20 times ranked | 2831 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Lead-DBS v2: Towards a comprehensive pipeline for deep brain stimulation imaging. NeuroImage, 2019, 184, 293-316. | 4.2 | 527 |
| 2 | Toward defining deep brain stimulation targets in MNI space: A subcortical atlas based on multimodal MRI, histology and structural connectivity. NeuroImage, 2018, 170, 271-282. | 4.2 | 422 |
| 3 | Mechanisms of deep brain stimulation. Journal of Neurophysiology, 2016, 115, 19-38. | 1.8 | 354 |
| 4 | Personalized iPSC-Derived Dopamine Progenitor Cells for Parkinsonâ€™s Disease. New England Journal of Medicine, 2020, 382, 1926-1932. | 27.0 | 298 |
| 5 | Smartwatch inertial sensors continuously monitor real-world motor fluctuations in Parkinsonâ€™s disease. Science Translational Medicine, 2021, 13, . | 12.4 | 108 |
| 6 | Optimization and comparative evaluation of nonlinear deformation algorithms for atlas-based segmentation of DBS target nuclei. NeuroImage, 2019, 184, 586-598. | 4.2 | 107 |
| 7 | The Effect of Microsaccades on the Correlation between Neural Activity and Behavior in Middle Temporal, Ventral Intraparietal, and Lateral Intraparietal Areas. Journal of Neuroscience, 2009, 29, 5793-5805. | 3.6 | 97 |
| 8 | Construction and modeling of a reconfigurable MRI coil for lowering SAR in patients with deep brain stimulation implants. NeuroImage, 2017, 147, 577-588. | 4.2 | 58 |
| 9 | Neural Activity in the Middle Temporal Area and Lateral Intraparietal Area during Endogenously Cued Shifts of Attention. Journal of Neuroscience, 2009, 29, 14160-14176. | 3.6 | 53 |
| 10 | Temporal Sequence of Attentional Modulation in the Lateral Intraparietal Area and Middle Temporal Area during Rapid Covert Shifts of Attention. Journal of Neuroscience, 2010, 30, 3287-3296. | 3.6 | 53 |
| 11 | Î²-Glucocerebrosidase activity in GBA -linked Parkinson disease. Neurology, 2020, 95, e685-e696. | 1.1 | 27 |
| 12 | The Neural Basis of Approach-Avoidance Conflict: A Model Based Analysis. ENeuro, 2019, 6, ENEURO.0115-19.2019. | 1.9 | 23 |
| 13 | Personalizing Deep Brain Stimulation Using Advanced Imaging Sequences. Annals of Neurology, 2022, 91, 613-628. | 5.3 | 22 |
| 14 | Dorsolateral prefrontal neurons mediate subjective decisions and their variation in humans. Nature Neuroscience, 2019, 22, 1010-1020. | 14.8 | 17 |
| 15 | Teaching NeuroImages: In vivo visualization of Edinger comb and Wilson pencils. Neurology, 2019, 92, e1663-e1664. | 1.1 | 16 |
| 16 | Intermittent subthalamic nucleus deep brain stimulation induces risk-aversive behavior in human subjects. ELife, 2018, 7, . | 6.0 | 10 |
| 17 | Structural and Functional Network Dysfunction in Parkinson Disease. Radiology, 2017, 285, 725-727. | 7.3 | 8 |
| 18 | Toward a Personalized Approach to Parkinson's Cell Therapy. Movement Disorders, 2020, 35, 2119-2120. | 3.9 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Letter to the Editor. Cell therapy for Parkinsonâ€™s disease. Journal of Neurosurgery, 2022, 136, 1810-1811. | 1.6 | 1 |