# Frank G Hillary

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3078478/publications.pdf

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|---|---|---|---|
| 64 papers | 3,437 citations | 201674 27 h-index | 155660 55 g-index |
| 67 all docs | 67 docs citations | 67 times ranked | 5482 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | <scp>ENIGMA</scp> brain injury: Framework, challenges, and opportunities. Human Brain Mapping, 2022, 43, 149-166. | 3.6 | 33 |
| 2 | Feeding the machine: Challenges to reproducible predictive modeling in resting-state connectomics. Network Neuroscience, 2022, 6, 1-44. | 2.6 | 9 |
| 3 | The Power of Perception: Beliefs About Memory Ability Uniquely Contribute to Memory Performance and Quality of Life in Adults Aging with Traumatic Brain Injury. Journal of the International Neuropsychological Society, 2022, , 1-13. | 1.8 | 0 |
| 4 | A Decentralized ComBat Algorithm and Applications to Functional Network Connectivity. Frontiers in Neurology, 2022, 13, 826734. | 2.4 | 4 |
| 5 | Toward a global and reproducible science for brain imaging in neurotrauma: the ENIGMA adult moderate/severe traumatic brain injury working group. Brain Imaging and Behavior, 2021, 15, 526-554. | 2.1 | 16 |
| 6 | A global collaboration to study intimate partner violence-related head trauma: The ENIGMA consortium IPV working group. Brain Imaging and Behavior, 2021, 15, 475-503. | 2.1 | 21 |
| 7 | A Population-Based Study of Pre-Existing Health Conditions in Traumatic Brain Injury. Neurotrauma Reports, 2021, 2, 255-269. | 1.4 | 8 |
| 8 | Perceived discrimination and blood pressure in individuals aging with traumatic brain injury.. Rehabilitation Psychology, 2021, 66, 148-159. | 1.3 | 2 |
| 9 | Traumatic brain injury in the homeless: health, injury mechanisms, and hospital course. Brain Injury, 2021, 35, 1192-1200. | 1.2 | 3 |
| 10 | A-124 Sleep Quality and Quantity in Individuals Aging with Traumatic Brain Injury: Associations with Psychosocial Outcomes and Health Conditions. Archives of Clinical Neuropsychology, 2021, 36, 1174-1174. | 0.5 | 0 |
| 11 | Duration of post-traumatic amnesia is uniquely associated with memory functioning in chronic moderate-to-severe traumatic brain injury. NeuroRehabilitation, 2021, 49, 221-233. | 1.3 | 1 |
| 12 | What the replication crisis means for intervention science. International Journal of Psychophysiology, 2020, 154, 3-5. | 1.0 | 16 |
| 13 | Duration of Post-traumatic Amnesia Is Associated with Memory Impairment in Chronic Moderate or Severe Traumatic Brain Injury. Archives of Physical Medicine and Rehabilitation, 2020, 101, e46-e47. | 0.9 | 0 |
| 14 | ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. Translational Psychiatry, 2020, 10, 100. | 4.8 | 365 |
| 15 | Race and ethnicity considerations in traumatic brain injury research: Incidence, reporting, and outcome. Brain Injury, 2020, 34, 801-810. | 1.2 | 23 |
| 16 | Fractal dimension brain morphometry: a novel approach to quantify white matter in traumatic brain injury. Brain Imaging and Behavior, 2019, 13, 914-924. | 2.1 | 14 |
| 17 | Traumatic brain injury and frontal lobe plasticity. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 163, 411-431. | 1.8 | 9 |
| 18 | Graph theory approaches to functional network organization in brain disorders: A critique for a brave new small-world. Network Neuroscience, 2019, 3, 1-26. | 2.6 | 148 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Functional connectivity within lateral posterior parietal cortex in moderate to severe traumatic brain injury.. Neuropsychology, 2019, 33, 893-910. | 1.3 | 9 |
| 20 | Enhanced default mode connectivity predicts metacognitive accuracy in traumatic brain injury.. Neuropsychology, 2019, 33, 922-933. | 1.3 | 15 |
| 21 | Diminished neural network dynamics in amnestic mild cognitive impairment. International Journal of Psychophysiology, 2018, 130, 63-72. | 1.0 | 11 |
| 22 | Diminished neural network dynamics after moderate and severe traumatic brain injury. PLoS ONE, 2018, 13, e0197419. | 2.5 | 24 |
| 23 | Prefrontal gray matter volume predicts metacognitive accuracy following traumatic brain injury.. Neuropsychology, 2018, 32, 484-494. | 1.3 | 8 |
| 24 | Injured Brains and Adaptive Networks: The Benefits and Costs of Hyperconnectivity. Trends in Cognitive Sciences, 2017, 21, 385-401. | 7.8 | 214 |
| 25 | The evolution of cost-efficiency in neural networks during recovery from traumatic brain injury. PLoS ONE, 2017, 12, e0170541. | 2.5 | 60 |
| 26 | An Evolutionary Computation Approach to Examine Functional Brain Plasticity. Frontiers in Neuroscience, 2016, 10, 146. | 2.8 | 16 |
| 27 | ALTERED TOPOGRAPHY OF INTRINSIC FUNCTIONAL CONNECTIVITY IN CHILDHOOD RISK FOR SOCIAL ANXIETY. Depression and Anxiety, 2016, 33, 995-1004. | 4.1 | 25 |
| 28 | Hyperconnectivity is a fundamental response to neurological disruption.. Neuropsychology, 2015, 29, 59-75. | 1.3 | 204 |
| 29 | A voxelwise approach to determine consensus regions-of-interest for the study of brain network plasticity. Frontiers in Neuroanatomy, 2015, 9, 97. | 1.7 | 14 |
| 30 | Chronology and Chronicity of Altered Resting-State Functional Connectivity after Traumatic Brain Injury. Journal of Neurotrauma, 2015, 32, 252-264. | 3.4 | 59 |
| 31 | Modeling distinct imaging hemodynamics early after TBI: the relationship between signal amplitude and connectivity. Brain Imaging and Behavior, 2015, 9, 285-301. | 2.1 | 5 |
| 32 | The Rich Get Richer: Brain Injury Elicits Hyperconnectivity in Core Subnetworks. PLoS ONE, 2014, 9, e104021. | 2.5 | 139 |
| 33 | Examining network dynamics after traumatic brain injury using the extended unified SEM approach. Brain Imaging and Behavior, 2014, 8, 435-445. | 2.1 | 14 |
| 34 | Neural Recruitment after Mild Traumatic Brain Injury Is Task Dependent: A Meta-analysis. Journal of the International Neuropsychological Society, 2013, 19, 751-762. | 1.8 | 38 |
| 35 | Benefits of Order: The Influence of Item Sequencing on Metacognition in Moderate and Severe Traumatic Brain Injury. Journal of the International Neuropsychological Society, 2012, 18, 379-383. | 1.8 | 5 |
| 36 | Epidemiological Shifts in Elderly Traumatic Brain Injury: 18-Year Trends in Pennsylvania. Journal of Neurotrauma, 2012, 29, 1371-1378. | 3.4 | 88 |

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|---|---|---|---|
| 37 | The Less BOLD, the Wiser: Support for the latent resource hypothesis after traumatic brain injury. Human Brain Mapping, 2012, 33, 979-993. | 3.6 | 36 |
| 38 | Dispositional optimism and outcome following traumatic brain injury. Brain Injury, 2011, 25, 328-337. | 1.2 | 27 |
| 39 | Extended unified SEM approach for modeling event-related fMRI data. NeuroImage, 2011, 54, 1151-1158. | 4.2 | 113 |
| 40 | Changes in resting connectivity during recovery from severe traumatic brain injury. International Journal of Psychophysiology, 2011, 82, 115-123. | 1.0 | 112 |
| 41 | Determining the Nature of Prefrontal Cortex Recruitment After Traumatic Brain Injury: A Response to Turner. Frontiers in Systems Neuroscience, 2011, 5, 24. | 2.5 | 8 |
| 42 | Metacognitive Monitoring in Moderate and Severe Traumatic Brain Injury. Journal of the International Neuropsychological Society, 2011, 17, 720-731. | 1.8 | 27 |
| 43 | Examining working memory task acquisition in a disrupted neural network. Brain, 2011, 134, 1555-1570. | 7.6 | 74 |
| 44 | The challenge of non-ergodicity in network neuroscience. Network: Computation in Neural Systems, 2011, 22, 148-153. | 3.6 | 20 |
| 45 | Methodological Considerations for Using Bold fMRI in the Clinical Neurosciences. , 2011, , 103-116. | | 1 |
| 46 | The Nature of Processing Speed Deficits in Traumatic Brain Injury: is Less Brain More?. Brain Imaging and Behavior, 2010, 4, 141-154. | 2.1 | 63 |
| 47 | Medial prefrontal cortex hyperactivation during social exclusion in borderline personality disorder. Psychiatry Research - Neuroimaging, 2010, 181, 233-236. | 1.8 | 77 |
| 48 | Automatic search for fMRI connectivity mapping: An alternative to Granger causality testing using formal equivalences among SEM path modeling, VAR, and unified SEM. NeuroImage, 2010, 50, 1118-1125. | 4.2 | 141 |
| 49 | Resting Network Plasticity Following Brain Injury. PLoS ONE, 2009, 4, e8220. | 2.5 | 237 |
| 50 | Examination of processing speed deficits in multiple sclerosis using functional magnetic resonance imaging. Journal of the International Neuropsychological Society, 2009, 15, 383-393. | 1.8 | 87 |
| 51 | A functional application of the spacing effect to improve learning and memory in persons with multiple sclerosis. Journal of Clinical and Experimental Neuropsychology, 2009, 31, 513-522. | 1.3 | 39 |
| 52 | Automated Detection and Quantification of Brain Lesions in Acute Traumatic Brain Injury Using MRI. Brain Imaging and Behavior, 2009, 3, 111-122. | 2.1 | 6 |
| 53 | Application of the Spacing Effect to Improve Learning and Memory for Functional Tasks in Traumatic Brain Injury: A Pilot Study. American Journal of Occupational Therapy, 2009, 63, 543-548. | 0.3 | 30 |
| 54 | Neural correlates of cognitive fatigue in multiple sclerosis using functional MRI. Journal of the Neurological Sciences, 2008, 270, 28-39. | 0.6 | 226 |

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| 55 | Neuroimaging of working memory dysfunction and the dilemma with brain reorganization hypotheses. Journal of the International Neuropsychological Society, 2008, 14, 526-534. | 1.8 | 93 |
| 56 | Examining lactate in severe TBI using proton magnetic resonance spectroscopy. Brain Injury, 2007, 21, 981-991. | 1.2 | 15 |
| 57 | Prefrontal modulation of working memory performance in brain injury and disease. Human Brain Mapping, 2006, 27, 837-847. | 3.6 | 101 |
| 58 | Cerebral Activation Patterns During Working Memory Performance in Multiple Sclerosis Using fMRI. Journal of Clinical and Experimental Neuropsychology, 2005, 27, 33-54. | 1.3 | 109 |
| 59 | Differential cerebellar activation on functional magnetic resonance imaging during working memory performance in persons with multiple sclerosis. Archives of Physical Medicine and Rehabilitation, 2004, 85, 635-639. | 0.9 | 35 |
| 60 | The Neurocognitive Driving Test: Applying Technology to the Assessment of Driving Ability Following Brain Injury.. Rehabilitation Psychology, 2003, 48, 275-280. | 1.3 | 16 |
| 61 | Functional Magnetic Resonance Imaging Technology and Traumatic Brain Injury Rehabilitation. Journal of Head Trauma Rehabilitation, 2002, 17, 411-430. | 1.7 | 34 |
| 62 | Retrospective Assessment of Rehabilitation Outcome After Traumatic Brain Injury. Journal of Head Trauma Rehabilitation, 2002, 17, 510-525. | 1.7 | 10 |
| 63 | Motor vehicle collision factors influence severity and type of TBI. Brain Injury, 2002, 16, 729-741. | 1.2 | 15 |
| 64 | Functionally Activated Brain Imaging (O-15 PET and fMRI) in the Study of Learning and Memory after Traumatic Brain Injury. Journal of Head Trauma Rehabilitation, 2001, 16, 191-205. | 1.7 | 60 |