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Cover image: This cortico-cortical evoked potential study in focal epilepsy patients was able to demonstrate that ictal single photon emission computed tomography perfusion changes are not random, but supported by underlying neuronal connectivity. From Tousseyn et al., 2017. Connectivity in ictal single photon emission computed tomography perfusion: a cortico-cortical evoked potential study. Pp. 1872–1884.

Cover art by Simon Tousseyn and The Cleveland Clinic Art Department.
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**Loss of 'homeostatic' microglia and patterns of their activation in active multiple sclerosis**
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**Regulatory T cells ameliorate tissue plasminogen activator-induced brain haemorrhage after stroke**

1914

**Thalamic alterations remote to infarct appear as focal iron accumulation and impact clinical outcome**

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**Domain-general subregions of the medial prefrontal cortex contribute to recovery of language after stroke**
F. Geranmayeh, T. W. Chau, R. J. S. Wise, R. Leech and A. Hampshire

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**Clinical criteria for subtyping Parkinson's disease: biomarkers and longitudinal progression**
S.-M. Fereshtehnejad, Y. Zeighami, A. Dagher and R. B. Postuma

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**Tremor stability index: a new tool for differential diagnosis in tremor syndromes**

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**Cerebrovascular resistance: effects on cognitive decline, cortical atrophy, and progression to dementia**
B. Yew and D. A. Nation; for the Alzheimer's Disease Neuroimaging Initiative

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**Brain inflammation accompanies amyloid in the majority of mild cognitive impairment cases due to Alzheimer's disease**

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**The Alzheimer's disease transcriptome mimics the neuroprotective signature of IGF-1 receptor-deficient neurons**
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**Calretinin interneuron density in the caudate nucleus is lower in autism spectrum disorder**

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**Restless 'rest': intrinsic sensory hyperactivity and disinhibition in post-traumatic stress disorder**
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