Editorial commentaries

0175 Anatomical connectivity elucidated by analysing thalamic atrophy in neuromyelitis optica
M Mori

0176 Deep brain stimulation in Tourette syndrome: the known and the unknown
K R Müller-Vahl

Neuropsychiatry

0178 Image-based analysis and long-term clinical outcomes of deep brain stimulation for Tourette syndrome: a multisite study

Movement disorders

0191 Evolution of prodromal parkinsonian features in a cohort of GBA4 mutation-positive individuals: a 6-year longitudinal study
M Arenah, M Tofoli, S Mulin, A McNiel, D A Hughes, A Mehta, F Blundin, A H V Schapira

0199 Clinical implications of early caudate dysfunction in Parkinson’s disease

01105 Subthalamic suppression defines therapeutic threshold of deep brain stimulation in Parkinson’s disease
L Milosevic, S K Kaas, M Hudes, A Lozano, M R Popovic, W Hutchison

Epilepsy

01109 Thalamic arousal network disturbances in temporal lobe epilepsy and improvement after surgery
H F J Gonzalez, S Chakravorti, S E Goodale, K Gupta, D O Claussen, B Dewson, V I Morgan, D J English

General neurology

01117 CSF biomarkers distinguish idiopathic normal pressure hydrocephalus from its mimics
A Jeppson, C Wikkelso, K Blewlow, H Zetterberg, R Constantinides, A M Remes, S K Herukka, T Rauamaa, K Nagga, V Leinonen, M Tullberg

Neurodegeneration

01124 Education modules train maintenance in presymptomatic frontotemporal dementia
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>1131</td>
<td>Therapeutic non-invasive brain stimulation in amyotrophic lateral sclerosis: rationale, methods and experience</td>
<td>E C Edmond, C J Stagg, M R Turner</td>
</tr>
<tr>
<td>1139</td>
<td>Outcomes following surgical versus endovascular treatment of spinal dural arteriovenous fistula: a systematic review and meta-analysis</td>
<td>A Goyal, J Cesare, V M Lu, M A Alvi, P Kerezoudis, W Brinjikji, D Nass, G Lanzino, M Bydon</td>
</tr>
<tr>
<td>1147</td>
<td>Neuropasticity and aphasia treatments: new approaches for an old problem</td>
<td>B Crosson, A D Rodriguez, D Copland, J Fridriksson, L C Krishnamurthy, M Meinzer, A M Raymer, V Krishnamurthy, A P Loff</td>
</tr>
<tr>
<td>1165</td>
<td>Oral levosimendan in amyotrophic lateral sclerosis: a phase II multicentre, randomised, double-blind, placebo-controlled trial</td>
<td>A Al-Chalabi, P Shaw, P N Leigh, I van den Berg, O Hardiman, A Ludolph, V V Aho, T Sarapohja, M Kuopramaki</td>
</tr>
<tr>
<td>1180</td>
<td>Face-making: task-specific facial tensions and grimacing in musicians</td>
<td>A J Lees, M Swash</td>
</tr>
<tr>
<td>1183</td>
<td>Letters</td>
<td></td>
</tr>
</tbody>
</table>