<table>
<thead>
<tr>
<th>Review articles</th>
<th>Research articles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stem cell bioprocessing: fundamentals and principles</td>
<td>Epidemic thresholds in dynamic contact networks</td>
</tr>
<tr>
<td>Analytical modelling of Kirschner wires in Ilizarov circular external fixator as pretensioned slender beams</td>
<td>Analytical modelling of Kirschner wires in Ilizarov circular external fixator as pretensioned slender beams</td>
</tr>
<tr>
<td>Programming with models: modularity and abstraction provide powerful capabilities for systems biology</td>
<td>Programming with models: modularity and abstraction provide powerful capabilities for systems biology</td>
</tr>
<tr>
<td>Preparation of suspensions of phospholipid-coated microbubbles by coaxial electrohydrodynamic atomization</td>
<td>Preparation of suspensions of phospholipid-coated microbubbles by coaxial electrohydrodynamic atomization</td>
</tr>
<tr>
<td>Three-dimensional current flow in a large-scale model of the cochlea and the mechanism of amplification of sound</td>
<td>Three-dimensional current flow in a large-scale model of the cochlea and the mechanism of amplification of sound</td>
</tr>
<tr>
<td>Complementary vasoactivity and matrix remodelling in arterial adaptations to altered flow and pressure</td>
<td>Complementary vasoactivity and matrix remodelling in arterial adaptations to altered flow and pressure</td>
</tr>
<tr>
<td>A. Valentín, L. Cardamone, S. Baek &amp; J. D. Humphrey</td>
<td>A. Valentín, L. Cardamone, S. Baek &amp; J. D. Humphrey</td>
</tr>
<tr>
<td>Geographic profiling applied to testing models of bumble-bee foraging</td>
<td>Geographic profiling applied to testing models of bumble-bee foraging</td>
</tr>
<tr>
<td>Maximal frustration as an immunological principle</td>
<td>Maximal frustration as an immunological principle</td>
</tr>
<tr>
<td>F. V. de Abreu &amp; P. Mostardinha</td>
<td>F. V. de Abreu &amp; P. Mostardinha</td>
</tr>
</tbody>
</table>