# LIST OF TABLES

<table>
<thead>
<tr>
<th>FIGURE</th>
<th>TITLE</th>
<th>PAGE NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1.</td>
<td>Comparison of amorphous and polysilicon TFTs</td>
<td>7</td>
</tr>
<tr>
<td>4.1.</td>
<td>Material properties of Si, GaAs, GaN, 4H-SiC and InSb</td>
<td>82</td>
</tr>
<tr>
<td>4.2.</td>
<td>Threshold voltage, ON-OFF ratio, saturation mobility and sub–threshold slope values under different DOS values</td>
<td>92</td>
</tr>
<tr>
<td>5.1.</td>
<td>Electrical properties of competing thin film technologies</td>
<td>95</td>
</tr>
<tr>
<td>5.2</td>
<td>Summary of the Electrical parameters of ZnO Channel TFT</td>
<td>104</td>
</tr>
<tr>
<td>6.1</td>
<td>Summary of the electrical performance parameters of the simulated HfO₂-ZnO multilayer channel TFT</td>
<td>120</td>
</tr>
</tbody>
</table>