


<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Full Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>1D</td>
<td>One dimensional</td>
</tr>
<tr>
<td>2D</td>
<td>Two dimensional</td>
</tr>
<tr>
<td>ALA</td>
<td>δ-Aminolevulenic acid</td>
</tr>
<tr>
<td>B</td>
<td>Accessory bacteriochlorophyll</td>
</tr>
<tr>
<td>BChl</td>
<td>Bacteriochlorophyll</td>
</tr>
<tr>
<td>BPhe, Φ</td>
<td>Bacteriopheophytin</td>
</tr>
<tr>
<td>C</td>
<td>Carotenoid</td>
</tr>
<tr>
<td>CIDNC</td>
<td>Chemically induced dynamic nuclear coherence</td>
</tr>
<tr>
<td>C-L</td>
<td>Carbon atom on cofactor P_L</td>
</tr>
<tr>
<td>C-M</td>
<td>Carbon atom on cofactor P_M</td>
</tr>
<tr>
<td>CP</td>
<td>Cross polarization</td>
</tr>
<tr>
<td>CSA</td>
<td>Chemical shift anisotropy</td>
</tr>
<tr>
<td>DD</td>
<td>Differential decay</td>
</tr>
<tr>
<td>DFT</td>
<td>Density functional theory</td>
</tr>
<tr>
<td>DR</td>
<td>Differential relaxation</td>
</tr>
<tr>
<td>DZP</td>
<td>Double zeta polarization</td>
</tr>
<tr>
<td>EDTA</td>
<td>Ethylene diamino tetra acetate</td>
</tr>
<tr>
<td>EPR</td>
<td>Electron paramagnetic resonance</td>
</tr>
<tr>
<td>H</td>
<td>Protein subunit H of the reaction center</td>
</tr>
<tr>
<td>His</td>
<td>Histidine</td>
</tr>
<tr>
<td>IUPAC</td>
<td>International union of pure and applied chemistry</td>
</tr>
<tr>
<td>L</td>
<td>Protein subunit L of the reaction center</td>
</tr>
<tr>
<td>LDAO</td>
<td>N,N-dimethyldodecylamine-N-oxide</td>
</tr>
<tr>
<td>LH I</td>
<td>Light harvesting complex I</td>
</tr>
<tr>
<td>LH II</td>
<td>Light harvesting complex II</td>
</tr>
<tr>
<td>M</td>
<td>Protein subunit M of the reaction center</td>
</tr>
<tr>
<td>MAS</td>
<td>Magic-angle spinning</td>
</tr>
<tr>
<td>MRI</td>
<td>Magnetic resonance imaging</td>
</tr>
<tr>
<td>MRFM</td>
<td>Magnetic resonance force microscopy</td>
</tr>
<tr>
<td>NMR</td>
<td>Nuclear magnetic resonance</td>
</tr>
<tr>
<td>OD</td>
<td>Optical density</td>
</tr>
<tr>
<td>ODV</td>
<td>Optical density per volume</td>
</tr>
<tr>
<td>P</td>
<td>Special pair, primary electron donor</td>
</tr>
<tr>
<td>Abbreviation</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Photo-CIDNP</td>
<td>Photochemically induced dynamic nuclear polarization</td>
</tr>
<tr>
<td>PS I</td>
<td>Photosystem I</td>
</tr>
<tr>
<td>PS II</td>
<td>Photosystem II</td>
</tr>
<tr>
<td>PSU</td>
<td>Photosynthetic unit</td>
</tr>
<tr>
<td>Q</td>
<td>Ubiquinone</td>
</tr>
<tr>
<td>Rb.</td>
<td><em>Rhodobacter</em></td>
</tr>
<tr>
<td>RC</td>
<td>Reaction center</td>
</tr>
<tr>
<td>RFDR</td>
<td>Radio frequency driven recoupling sequence</td>
</tr>
<tr>
<td>TPPM</td>
<td>Two pulse-phase modulation</td>
</tr>
<tr>
<td>TSM</td>
<td>Electron-electron-nuclear three spin mixing</td>
</tr>
<tr>
<td>TZP</td>
<td>Triple zeta polarization</td>
</tr>
<tr>
<td>WT</td>
<td>Wild type</td>
</tr>
<tr>
<td>ZORA</td>
<td>Zero order regular approximation</td>
</tr>
</tbody>
</table>