multireference configuration interaction

**Acronym**: MRCI

Configuration-interaction method in which the configurations are built by excitation out of a wavefunction obtained by using, e.g., the multiconfiguration SCF method.

**Note:**
One of the methods to account for dynamic correlation.

**Source:**
PAC, 2007, 79, 293 (Glossary of terms used in photochemistry, 3rd edition (IUPAC Recommendations 2006)) on page 373