Supplementary Table 2. Description of chlorophyll fluorescence parameters used in this study

Symbols	Parameter explain
Φ_{P0}	Maximum quantum yield of primary photochemistry, equal to Fv/Fm
Ψ_0	A trapped exciton moves an electron into the electron transport chain
Φ_{E0}	Quantum yield of electron transport
ABS/RC	Absorption flux per reaction center
TR_o/RC	Trapping of electrons per reaction center
ET_o/RC	Electron flux per reaction center beyond $QA-$
DI_o/RC	Energy dissipation flux per reaction center
PI_{ABS}	Performance index on the absorption basis