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Lateral heterogeneity of the proton potential along the thylakoid membranes of chloroplasts

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Abbreviations:

ATI, 4-amino-2,2,5,5-tetramethyl-2,5-dihydro-1H-imidazol-1-oxyl

CBC, Calvin–Benson cycle

EPR, electron paramagnetic resonance

ETC, electron transport chain

MV, methyl viologen

PQH₂ and PQ, plastoquinol and plastoquinone, respectively

Pc, plastocyanin

PSI and PSII, photosystems I and II, respectively

P₇₀₀, Reduced form of electron donor of PSI

P₆₈₀, Reduced form of electron donor of PSII

TA, 4-amino-2,2,6,6-tetramethylpiperidine-1-oxyl

WOC, water-oxidizing complex

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