

Table 2 The correlation between environmental factors and diurnal variation index of photosynthesis

Index	P_n	G_s	C_i	T_r	T_a	RH	PAR	C_a
P_n	1.00							
G_s	0.82**	1.00						
C_i	-0.76**	-0.73**	1.00					
T_r	0.66**	0.89**	-0.65**	1.00				
T_a	0.29	0.42	-0.45	0.76**	1.00			
RH	-0.14	-0.23	0.27	-0.62**	-0.957**	1.00		
PAR	0.34	0.53*	-0.55*	0.77**	0.87**	-0.69**	1.00	
C_a	-0.34	-0.45	.531*	-0.75**	-0.98**	0.92**	-0.85**	1

Note: P_n : Net photosynthetic rate; G_s : Stomatal conductance; C_i : Intercellular carbon dioxide concentration; T_r : Transpiration rate; T_a : Leaf temperature; RH: Relative humidity; PAR: Photosynthetic active radiation; C_a : Carbon dioxide concentration in the atmosphere; *: $p < 0.05$; **: $p < 0.01$