

Table 1S. The maximal quantum yield of PSII photochemistry (F_v/F_m) and performance index (PI) in the attached fully expanded second leaves of winter wheat *Triticum aestivum* cv. Jing 411 subjected to 1 h of different light intensity at 25°C (mean $\pm$ SE, $n = 6$). Measurements were carried out at the third-leaf stage. Mean values indicated by *different letters* are significantly different at $P < 0.05$ according to LSD test.

PPFD [$\mu\text{mol m}^{-2} \text{s}^{-1}$]	300	600	800	1,000	1,200	1,400	1,900
F_v/F_m	0.793 ± 0.001^a	0.749 ± 0.003^b	0.709 ± 0.007^c	0.691 ± 0.002^d	0.651 ± 0.002^e	0.635 ± 0.002^f	0.592 ± 0.002^g
PI	3.01 ± 0.08^a	2.34 ± 0.06^b	2.01 ± 0.10^c	1.89 ± 0.04^c	1.46 ± 0.02^d	1.27 ± 0.02^e	0.67 ± 0.01^f