Green Journals

International Approved Journals

Journal Information

Journal Title	PHOTOSYNTHETICA
Publisher	ACAD SCIENCES CZECH REPUBLIC, INST EXPERIMENTAL BOTANY
ISSN	0300-3604
E-ISSN	1573-9058
Database	Clarivate
Domain	Health Sciences, Life Sciences, Physical Sciences

Classification History

Year	A+	A	B	C
2026		✓	✓	
2025		✓	✓	
2024		✓	✓	
2023		✓	✓	
2021/2022		✓	✓	
2020		✓	✓	
2019		✓	✓	
2018		✓		

Classification: The table above shows all journal classifications recorded for each classification year in the Green Journals database. A journal may have more than one classification in the same year.

Recent Articles

Leaf photosynthesis is enhanced, not impaired, under severe potassium limitation in spinach despite arrested growth
2026-11-2
Authors: K. NOMURA, Y. TANAKA, M. KOBAYASHI et al.
DOI: 10.32615/ps.2026.037

Bioengineering photosynthesis to cope with combined stresses for future climates
2026-10-22
Authors: P. YUN, S. SHABALA
DOI: 10.32615/ps.2026.029

A tribute to Ion C. Baianu (18 August 1947-10 February 2013):his 1982-1984 contributions to oxygenic photosynthesis
2026-10-20 Vol. 64 Issue 3 Pages 137-139
Authors: G. GOVINDJEE, A. STIRBET
DOI: 10.32615/ps.2026.027

Plant stress detection through a chlorophyll content-dependent relationship between F_v/F_m and the photochemical reflectance index
2026-10-20 Vol. 64 Issue 3 Pages 178-185
Authors: D. OH, J.-H. RYU, K.-M. KIM et al.
DOI: 10.32615/ps.2026.028

The tolerance of Sphagneticola trilobata and its hybrid to cadmium stress
2026-10-20 Vol. 64 Issue 3 Pages 140-147
Authors: Q.L. ZHANG, Y. WANG, G.X. CHEN et al.
DOI: 10.32615/ps.2026.026

Validation of the newly developed PlantECG fluorometer against three established chlorophyll fluorescence devices under progressive drought stress in pepper, tomato, and strawberry plants
2026-10-20 Vol. 64 Issue 3 Pages 210-222
Authors: H.M. KALAJI, P. DĄBROWSKI, A. AURIGA
DOI: 10.32615/ps.2026.031

Environmental conditions dictate the long-term photosynthetic and developmental response of lettuce to cold plasma priming
2026-10-20 Vol. 64 Issue 3 Pages 186-199
Authors: K. ŠEDIVÁ, P. KÚR, J. MATOUŠEK et al.
DOI: 10.32615/ps.2026.030

Organic compounds as Photosystem II inhibitors and Cu²⁺ ligands: insights from primary screening
2026-10-20 Vol. 64 Issue 3 Pages 200-209
Authors: M.S. SHABANOVA, E.V. ZADNEPROVSKAYA, S.K. ZHARMUKHAMEDOV et al.
DOI: 10.32615/ps.2026.032

Quantification of spatial heterogeneity of different chlorophyll fluorescence parameters over tomato leaf areas affected by Cd²⁺ stress
2026-10-20 Vol. 64 Issue 3 Pages 232-244
Authors: D. GIORDANO, A. SAADATI, A.M. ASHRAFI et al.
DOI: 10.32615/ps.2026.035

From water deficit to growth suppression: meta-analytic evidence for a functional hierarchy of drought adaptation in Hippophae rhamnoides
2026-10-20 Vol. 64 Issue 3 Pages 148-163
Authors: X.Y. SHI, Y. ZHAO, Y.E. BAI et al.
DOI: 10.32615/ps.2026.023