

Krzewska M., Springer A., Kopec P., Nowicka A., Zbyněk Milec, Kenji Yamada, Jana Moravčíková, Žur I., Dubas E. (2026), **5-azacytidine affects triticales microspore embryogenesis and is associated with modulation of reactive oxygen species, cysteine protease profiles, and programmed cell death**, BMC Plant Biol 26, 1129

---

Ryś M., Bocianowski J., Jurczyk B., Curci PL., Waligórski P. (2026), **Deacclimation-driven reprogramming of water transport and osmotic protection in winter oilseed rape**, Agronomy, 16: 537

---

Kaczor M., Bulak P., Waligórski P., Bieganowski A. (2026), **Linking waste recycling and sustainable agriculture: Phytohormone-rich biofertilizer from black soldier fly frass**, Journal of Cleaner Production, 548: 147855

---

Ryś M., Jurczyk B., Pocięcha E., Curci PL., Bocianowski J., Szaleniec M., Waligórski P., Janeczko A. (2026), **Climate change-related deacclimation disrupts sugar allocation and transport in winter oilseed rape (*Brassica napus* L.)**, Environmental and Experimental Botany, 243: 106332

---

Ostrowska A., Tyrka M., Fiust A, Urban K., Hura T. (2026), **Heterotrophic and autotrophic seedlings of the same genotype of spring triticales exhibit different response to drought and early rehydration**, Plant and Soil

---

Ostrowska A., Kováč J., Ďurkovič J., Hesse L. (2026), **Editorial: Advanced imaging in plants: exploring development and function**, Frontiers in Plant Science, 17: 1784311

---

Pilarska M. (2026), **Facultative CAM and photosynthetic electron transport: unravelling the salinity acclimation puzzle in *Mesembryanthemum crystallinum***, Frontiers in Plant Science, 17: 1753517

---

Nowicka A., Milec Z., Krzewska M., Kopec P., Springer A., Dubas E., Žur I. (2026), **Transcriptomic identification of potential antioxidative enzyme regulators of the gametophytic-to-embryogenic switch in barley microspores**, Frontiers in Plant Science, 16: 1735720

---

Ptak A., Warchoń M., Morańska E., Laurain-Mattar D., Spina R., Dupire F., Waligórski P., Simlat M. (2026), **Amaryllidaceae alkaloids and phenolic acids identification in *Leucojum aestivum* L. plant cultures exposed to different temperature conditions**, Molecules, 31: 258

---

Hura K., Ostrowska A., Hura T. (2026), **Impact of L-phenylalanine ammonia-lyase inhibition on winter triticale ( $\times$  Triticosecale Wittmack) at early developmental stages**, International Agrophysics, 40: 133-141

---