

## PUBLICATIONS

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1. Arnaoudova, Y., **Topalova, E.**, Kalapchieva, S., and Elshanska, A. (2024). Screening of garden pea (*Pisum sativum* L.) genotypes for drought stress using cytological and physiological parameters. *Journal of Mountain Agriculture on the Balkans*, 27 (5), 174-188.  
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2. Grozeva, S., **Topalova, E.**, Ganeva, D., and Tringovska, I. (2024). Evaluation of tomato landraces for tolerance to drought stress using morphological and physiological traits. *International Journal of Plant Biology*, 15(4), 1391-1404.  
<https://doi.org/10.3390/ijpb15040096>  
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3. **Topalova, E.**, Arnaoudova, Y., and Todorova, V. (2024). Impacts of heat stress on the photosynthetic apparatus and pollen viability in green pepper cultivars (*Capsicum annuum* L.). *Bulgarian Journal of Agricultural Science*, 30(4), 628-635.  
<https://www.agrojournal.org/30/04-10.pdf>
4. **Topalova, E.**, Vasilev, A. and Petkova, V. (2023). Response of cucumber (*Cucumis sativus* L. 'Kiara') plants, grown on own root or grafted onto different rootstocks, to high nutrient solution concentrations. *Acta Hort.* 1375, 409-416.  
DOI: 10.17660/ActaHortic.2023.1375.54  
[https://www.actahort.org/books/1375/1375\\_54.htm](https://www.actahort.org/books/1375/1375_54.htm)
5. Mladenov, P., Aziz, S., **Topalova, E.**, Renaut, J., Planchon, S., Raina, A., and Tomlekova, N. (2023). Physiological responses of common bean genotypes to drought stress. *Agronomy*, 13(4), 1022.  
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6. Sofkova, S., **Topalova, E.** and Petkova, V. (2020). Breeding and cultivar improvement of snap bean (*Phaseolus vulgaris*) for productivity and resilience under drought stress. *Acta Hort.* 1282, 399-406  
DOI: 10.17660/ActaHortic.2020.1282.60  
[https://www.actahort.org/books/1282/1282\\_60.htm](https://www.actahort.org/books/1282/1282_60.htm)
7. Arnaoudova, Y., **Topalova, E.**, and Todorova, V. (2020). High temperature effect on the male gametophyte and the photosynthetic activity of two *Capsicum annuum* L. cultivars. *Bulgarian Journal of Agricultural Science*, 26(2), 409-415.  
<https://www.agrojournal.org/26/02-18.pdf>
8. **Topalova, E.** (2020). Influence of concentration of the nutrient solution on seed germination and parameters of young seedlings in cucumber (*Cucumis sativus* L.). *Rasteniєvadni nauki*, 57(1) 54-59 (Bg).  
[https://cropscience-bg.org/page/bg/details.php?article\\_id=804](https://cropscience-bg.org/page/bg/details.php?article_id=804)
9. **Topalova, E.**, Böhм, V., Tüzel, Y., Öztekin, G. B., Velkov, N., Petkova, V. and Kappel, N. (2019). Response of some cucurbit genotypes to salinity stress. *Acta Hort.* 1257, 79-88.  
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[https://www.actahort.org/books/1257/1257\\_12.htm](https://www.actahort.org/books/1257/1257_12.htm)
10. Kalapchieva, S., **Topalova, E.**, and Petkova, V. (2019). Morphological, physiological and productivity response in garden pea genotypes during high temperature stress. *Genetika*, 51(2), 417-428. <https://doi.org/10.2298/GENSR1902417K>  
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