

## PUBLICATIONS

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2. **Stefanova Y.**, Nikolova V., Todorova V., 2010. Cytological investigation of F<sub>2</sub> hybrid progeny on the basis of nuclear male-sterility in pepper (*Capsicum annuum* L.). 45<sup>th</sup> Croatian & 5th International Symposium on Agriculture February 15 – 19, Opatija, Croatia, 509-513.  
<https://www.cabidigitallibrary.org/doi/pdf/10.5555/20123062893>
3. Nikolova V., Todorova V., **Stefanova Y.**, Tomlekova, N., 2010. Cytological particularities in nuclear and nuclear-cytoplasmic male sterile pepper lines. *Caryologia*, 63(3): 262-268  
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4. Tomlekova N., Timin O., **Arnaudova Y.**, Timina O., Wani M.R., and Kozgar M.I., 2014. Trends and achievements in F<sub>1</sub> hybrids of sweet pepper utilizing induced male-sterility. pp. 13-38. In: Tomlekova N.B., Kozgar M.I. and Wani M.R. (Eds) *Mutagenesis: Exploring genetic diversity in crops*. Wageningen Academic Publishers, The Netherlands, p. 394.  
[http://www.wageningenacademic.com/doi/abs/10.3920/978-90-8686-796-7\\_1](http://www.wageningenacademic.com/doi/abs/10.3920/978-90-8686-796-7_1)
5. **Arnaudova Y.**, Arnaudov B., 2020. Screening *Capsicum* genotypes for increased drought tolerance by in vitro pollen germination and pollen tube length. *Series Biomedical Sciences*, 18(1): 52-58.  
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6. Arnaudov B., Markova D., **Arnaudova Y.**, 2020. Influence of the water deficit on growth indexes and pests' infestation of pepper mutant lines. *Bulg. J. Agric. Sci.*, 26(5): 982-987.  
<https://www.agrojournal.org/26/05-08.pdf>
7. **Arnaudova Y.**, Topalova E., Todorova V., 202.) High temperature effect on the male gametophyte and the photosynthetic activity of two *Capsicum annuum* L. cultivars. *Bulg. J. Agric. Sci.*, 26 (2): 409-415.  
<https://www.cabidigitallibrary.org/doi/pdf/10.5555/20203203937>
8. **Arnaudova Y.**, Arnaudov B., Tomlekova N., 2022. Meiotic behaviour of pollen mother cells in eight genotypes of pepper (*Capsicum annuum* L.) under water deficit. *Comptes rendus de l'Académie bulgare des Sciences*, 74(11):1714-1720.  
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9. **Arnaudova Y.**, Sofkova-Bobcheva S. Arnaudov B., 2023. Male gametophyte is a powerful screening tool for drought and heat tolerance in garden bean. *Acta Hort.* 1362, 463-472.  
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10. Topalova E., **Arnaudova Y.**, Todorova V., 2024. Impacts of heat stress on the photosynthetic apparatus and pollen viability in green pepper cultivars (*Capsicum annuum* L.). *Bulg. J. Agric. Sci.*, 30 (4), 628-635.  
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