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Research interests: vegetable crops, breeding and seed production of vegetable crops, seed science, breeding and technology of pepper and cape gooseberry, organic vegetable production

Selected papers

1. Nikolay Panayotov, 2005. Technological management and factors influencing seed quality of vegetable crops. In: Dris Ramdane (ed.).Vegetables: Growing Environment and Mineral Nutrition. 2005, WFL Publisher, Helsinki, Finland, 138-165.
2. Panayotov,N., 2018. Responses about seed formation and seed production in different genotypes of cape gooseberry (*Physalis peruviana* L.), International Scientific Journal, Faculty of Horticulture, University of Agronomic and Veterinary Medicine of Bucharest, Romania, “Scientific Papers, Series B “Horticulture”, vol. 62, 437-444. ISSN: 2285-5653, eISSN: 2286-1580
3. Zurawik, Agnieszka, Jadcak, Dorota, Panayotov, Nikolay, Zurawik, Piotr, 2020. Macro- and micronutrient content in selected cultivars of *Capsicum annuum* L. depending on fruit coloration. Plant Soil and Environment, Volume: 66, Issue: 4, Pages: 155-161. ISSN: 1214-1178, eISSN: 1805-9368
4. Panayotov, Nikolay, Dorota Jadchak, 2020. Genotype response of different pepper varieties to the accelerated aging test of the seeds. International Scientific Journal, Faculty of Horticulture, University of Agronomic and Veterinary Medicine of Bucharest, Romania, “Scientific Papers, Series B “Horticulture”, 207-213. ISSN: 2285- 5653, eISSN: 2286-158
5. Panayotov, Nikolay, Alexander Trayanov, 2020. Productivity and elements of the yield of carrot seeds in the application of different regimes of fertilization. International Scientific Journal, Faculty of Horticulture, University of Agronomic and Veterinary Medicine of Bucharest, Romania, “Scientific Papers, Series B “Horticulture”, 215-221. ISSN: 2285-5653, eISSN: 2286-158