

Georg-August-Universität Göttingen
Department für Nutzpflanzenwissenschaften
Abt. Qualität pflanzlicher Erzeugnisse
Verzeichnis der Veröffentlichungen
(List of publications)

2008 – 2020

2020

Schulze J, Liese R, Ballesteros G, Casieri L, Salinas G, Cabeza RA (2020) Ammonium acts systemically while nitrate exerts an additional local effect on *Medicago truncatula* nodules. *Plant Science* 292:110383.

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Sonntag F, Bunzel D, Kulling S, Porath I, Pach F, Pawelzik E, Smit I, Naumann M (accepted) Effect of potassium fertilization on the contents of antioxidants in three cocktail tomato cultivars. *Journal of Applied Botany and Food Quality*

2019

Chiveu JC, Mueller M, Krutovsky KV, Kehlenbeck K, Pawelzik E, Naumann M (2019) Genetic diversity of common guava in Kenya: an underutilized naturalized fruit species. *Fruits* 74:236-248.

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Chiveu JC, Naumann M, Kehlenbeck K, Pawelzik E (2019) Variation in fruit chemical and mineral composition of Kenyan guava (*Psidium guajava* L.): Inferences from climatic conditions, and fruit morphological traits *Journal of Applied Botany and Food Quality* 92:151-159. <https://doi.org/10.5073/JABFQ.2019.092.021>

Jamalian S, Truemper C, Pawelzik E (2019): Jasmonic and Abscisic Acid Contribute to Metabolism Re-adjustment in Strawberry Leaves under NaCl Stress, *International Journal of Fruit Science*,

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Koch M, Busse M, Naumann M, Jákl B, Smit I, Cakmak I, Hermans C, Pawelzik E (2019a) Differential effects of varied potassium and magnesium nutrition on production and partitioning of photoassimilates in potato plants.

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Mohammed AE, Smit I, Pawelzik E, Keutgen AJ, Horneburg B (2019): Organically grown outdoor tomato: fruit mineral nutrients and plant infection by *Phytophthora infestans*. *Org. Agr.* <https://doi.org/10.1007/s13165-019-00253-7>

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Naumann M, Koch M, Thiel H, Gransee A, Pawelzik E (2019b) The Importance of Nutrient Management for Potato Production Part II: Plant Nutrition and Tuber Quality. *Potato Res.* <https://doi.org/10.1007/s11540-019-09430-3>

Quehl HE, Naumann M, Tränkner M (2019) Kann eine erhöhte Kaliumdüngung Trockenstress verringern? *Kartoffelbau* 70:36-39

Sonntag F, Naumann M, Pawelzik E, Smit I (2019) Improvement of cocktail tomato yield and consumer-oriented quality traits by potassium fertilization is driven by the cultivar. *Journal of the Science of Food and Agriculture* 99:3350-3358. <https://doi.org/10.1002/jsfa.9552>

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Adnan A, Hörsten von D, Pawelzik E, Mörlein D (2017) Rapid Prediction of Moisture Content in Intact Green Coffee Beans Using Near Infrared Spectroscopy. *Foods* 38: 6-11,38

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Zanklan A, Becker H, Sørensen M, Pawelzik E, Grüneberg W (2017) Genetic diversity in cultivated yam bean (*Pachyrhizus* spp.) evaluated through multivariate analysis of morphological and agronomic traits. *GENET RESOUR CROP EV* 14: 1-33

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2014

Pawelzik, E., Moeller, K. (2014). Sustainable Potato Production Worldwide: the Challenge to Assess Conventional and Organic Production Systems; In: *POTATO RESEARCH* 57: 273-290.

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