

Chitosan nanoparticles having higher degree of acetylation induce resistance against pearl millet downy mildew through nitric oxide generation

Siddaiah, Chandra Nayaka; Prasanth, Keelara Veerappa Harish; Satyanarayana, Niranjana Raj; Mudili, Venkataramana; **Gupta, Vijai Kumar**; Kalagatur, Naveen Kumar; Satyavati, Tara; Dai, Xiao-Feng; Chen, Jie-Yin; Mocan, Andrei Scientific reports 2018 / art. 2485, 14 p. : ill <https://doi.org/10.1038/s41598-017-19016-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at Scopus](#) [Article at WOS](#)

Improving abiotic stress tolerance of forage grasses - prospects of using genome editing

Sustek-Sanchez, Ferenz; Rognli, Odd Arne; Rostoks, Nils; **Sõmera, Merike**; Jaškune, Kristina; Kovi, Mallikarjuna Rao; Statkevičiute, Gražina; **Sarmiento Guerin, Maria Cecilia** Frontiers in plant science 2023 / art. 1127532 <https://doi.org/10.3389/fpls.2023.1127532> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbial inoculation in rice regulates antioxidative reactions and defense related genes to mitigate drought stress

Singh, Dhananjaya P.; Singh, Vivek; **Gupta, Vijai Kumar**; Shukla, Renu; Prabha, Ratna; Sarma, Birinchi K.; Patel, Jai Singh Scientific reports 2020 / art. 4818, 17 p. : ill <https://doi.org/10.1038/s41598-020-61140-w> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)