

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, Niranjan 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

Determination of metal content in superoxide dismutase enzymes by capillary electrophoresis

Kazarjan, Jana; Vaher, Merike; Hunter, Therese; **Kulp, Maria**; Hunter, Gary James; Bonetta, Rosalin; Farrugia, Diane; **Kaljurand, Mihkel** Journal of separation science 2015 / p. 1042-1045 : ill <http://dx.doi.org/10.1002/jssc.201400925>

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

Substitution of histidine 30 by asparagine in manganese superoxide dismutase alters biophysical properties and supports proliferation in a K562 leukemia cell line

Bonetta, Rosalin; Hunter, Gary J.; Trinh, Chi H.; Borowski, Tomasz; Fenech, Anthony G.; **Kulp, Maria**; Tabares, Leandro C.; Un, Sun; Hunter, Thérèse European biophysics journal 2021 / p. 571-585 : ill <https://doi.org/10.1007/s00249-021-01544-2> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS