

ردیابی ژن *tms2* عامل گال طوقه در دو رقم رز تجاری شاخه بریده ("Pearl" و "Angelina") بوسیله یک نانو زیست‌حسگر

- Schaad, N.W., Jones, J.B., & Chun, W. (2001). *Laboratory Guide for Identification of Plant Pathogenic Bacteria*. Third Ed. USA: American Phytopathological Society, 373pp.
- Wang, M., Gong, W., Meng, Q., & Zhang, Y. (2011). Electrochemical DNA impedance biosensor for the detection of DNA hybridization with polymeric film, single walled carbon nanotubes modified glassy carbon electrode. *Russian Journal of Electrochemistry*, 47(12), 1368-1373. <https://doi.org/10.1134/S1023193511120123>
- Wei, J., Liu, H., Liu, F., Zhu, M., Zhou, X., & Xing, D. (2014). Miniaturized paper-based gene sensor for rapid and sensitive identification of contagious plant virus. *AcS Applied Materials And Interfaces*, 6(24), 22577-22584.
- Zhao, W., Lu, J., Ma, W., Xu, C., Kuang, H., & Zhu, S. (2011). Rapid on-site detection of *Acidovorax avenae* subsp. *citrulli* by gold-labeled DNA strip sensor. *Journal of Biosensors & Bioelectronics*, 26(10), 4241-4244. <https://doi:10.1016/j.bios.2011.04.004>.

پژوهشی کشاورزی

دوره ۲۴ ■ شماره ۳ ■ پاییز ۱۴۰۱