

Hydrogels & Biosensors

Description

- Manickam, P., Vashist, A., Madhu, S., Sadasivam, M., Sakthivel, A., Kaushik, A., & Nair, M. (2020). Gold nanocubes embedded biocompatible hybrid hydrogels for electrochemical detection of H₂O₂. *Bioelectrochemistry*. doi.org/10.1016/j.bioelechem.2019.107373
- Tavakoli, J., & Tang, Y. (2017). Hydrogel based sensors for biomedical applications: An updated review. In *Polymers*. doi.org/10.3390/polym9080364
- Erfkamp, J., Guenther, M., & Gerlach, G. (2019). Enzyme-functionalized piezoresistive hydrogel biosensors for the detection of urea. *Sensors (Switzerland)*. doi.org/10.3390/s19132858
- Wang, K., Hao, Y., Wang, Y., Chen, J., Mao, L., Deng, Y., Chen, J., Yuan, S., Zhang, T., Ren, J., & Liao, W. (2019). Functional Hydrogels and Their Application in Drug Delivery, Biosensors, and Tissue Engineering. In *International Journal of Polymer Science*. doi.org/10.1155/2019/3160732
- Distler, T., & Boccaccini, A. R. (2020). 3D printing of electrically conductive hydrogels for tissue engineering and biosensors – A review. In *Acta Biomaterialia*. doi.org/10.1016/j.actbio.2019.08.044
- Miao, X., Pan, J., Zhu, Q., Zhu, H., & Wei, T. (2021). Synthesis of enzymatic hydrogels and their application in biosensors. *Scientia Sinica Chimica*. doi.org/10.1360/SSC-2020-0231