Daniel Rybak

Lista Publikacji

1. Du, J.*, Rybak, D.*, Su, Q., Wang, Q., Yuan, Q., Gao, J., Wang, Y., et al. "Sprayable photothermal fiber-embedded hydrogels to engineer microenvironment for infected wound healing." Advanced Functional Materials. (2025). 2501242. https://doi.org/10.1002/adfm.202501242

2. Rybak, D.*, Du, J.*, Nakielski, P., Rinoldi, C., Kosik-Kozioł, A., Zakrzewska, A., Wu, H., et al. "NIR-Light Activable 3D Printed Platform Nanoarchitectured with Electrospun Plasmonic Filaments for On Demand Treatment of Infected Wounds." Advanced Healthcare Materials. (2025). 14, 2404274. https://doi.org/10.1002/adhm.202404274

3. Rybak, D., Rinoldi, C., Nakielski, P., Du, J., Haghighat Bayan, M. A., Zargarian, S. S., Pruchniewski, M., et al. "Injectable and self-healable nano-architectured hydrogel for NIR-light responsive chemo- and photothermal bacterial eradication." Journal of Materials Chemistry. B. (2024). 12, 1905-1925. DOI https://doi.org/10.1039/D3TB02693K

4. Rybak, D., Su, Y.-C., Li, Y., Ding, B., Lv, X., Li, Z., Yeh, Y.-C., et al. "Evolution of nanostructured skin patches towards multifunctional wearable platforms for biomedical applications." Nanoscale. (2023). 15(18), 8044–8083. https://doi.org/10.1039/D3NR00807J

5. Nakielski, P., Rybak, D., Jezierska-Woźniak, K., Rinoldi, C., Sinderewicz, E., Staszkiewicz-Chodor, J., Haghighat Bayan, M. A., et al. "Minimally Invasive Intradiscal Delivery of BM-MSCs via Fibrous Microscaffold Carriers." ACS Applied Materials & Interfaces. (2023). 15(50), 58103–58118. https://doi.org/10.1021/acsami.3c11710