

Katarzyna Drozdowska

Lista Publikacji

1. Drozdowska, K., Rehman, A., Sai, P., Stonio, B., Krajewska, A., Dub, M., Kacperski, J., Cywiński, G., Haras, M., Rumyantsev, S., Österlund, L., Smulko, J., & Kwiatkowski, A. (2022). Organic Vapor Sensing Mechanisms by Large-Area Graphene Back-Gated Field-Effect Transistors under UV Irradiation. *ACS Sensors*. <https://doi.org/10.1021/acssensors.2c01511>
2. Drozdowska, K., Welearegay, T., Österlund, L., & Smulko, J. (2022). Combined chemoresistive and in situ FTIR spectroscopy study of nanoporous NiO films for light-activated nitrogen dioxide and acetone gas sensing. *SENSORS AND ACTUATORS B-CHEMICAL*, 353, 131125. <https://doi.org/10.1016/j.snb.2021.131125>
3. Drozdowska, K., Rehman, A., Krajewska, A., Lioubtchenko, D. V., Pavlov, K., Rumyantsev, S., Smulko, J., & Cywiński, G. (2022). Effects of UV light irradiation on fluctuation enhanced gas sensing by carbon nanotube networks. *SENSORS AND ACTUATORS B-CHEMICAL*, 352, 131069. <https://doi.org/10.1016/j.snb.2021.131069>
4. Kwiatkowski, A., Drozdowska, K., & Smulko, J. (2021). Embedded gas sensing setup for air samples analysis. *REVIEW OF SCIENTIFIC INSTRUMENTS*, 92, 074102. <https://doi.org/10.1063/5.0050445>
5. Kwiatkowski, A., Borys, S., Sikorska, K., Drozdowska, K., & Smulko, J. (2022). Clinical studies of detecting COVID-19 from exhaled breath with electronic nose. *Scientific Reports*, 12. <https://doi.org/10.1038/s41598-022-20534-8>