

## Scientific publications related to Onyx

-  [Towards standardisation of contact and contactless electrical measurements of CVD graphene at the macro-, micro-and nano-scale.](#)  
Melios, C., Huang, N., Callegaro, L., Centeno, A., Cultrera, A., Cordon, A., Panchal, V., Arnedo, I., Redo-Sanchez, A., Etayo, D., Fernandez, M., Rozhko, S., Txoperena, O., Zurutuza, A. & Kazakova, O. Scientific Reports, 10(1), 1-11 (2020).
-  [Transparent electrodes based on graphene](#)  
Fernández S, Gandía JJ, Inés A, Arnedo I, Boscá A, Pedrós J, Martínez J, Calle F. & Cárabe J., Nanotechnol Adv Mater Sci Volume 2(3): 1–3 (2019).
-  [Mapping the conductivity of graphene with Electrical Resistance Tomography](#)  
Cultrera, A., Serazio, D., Zurutuza, A., Centeno, A., Txoperena, O., Etayo, D., Cordon, A., Redo-Sanchez, A., Arnedo, I., Ortolano, M. & Callegaro, L. Scientific Reports, 9(1), 1-9 (2019).
-  [Advanced Graphene-Based Transparent Conductive Electrodes for Photovoltaic Applications](#)  
Fernández, S., Boscá, A., Pedrós, J., Inés, A., Fernández, M., Arnedo, I., González, J.P., de la Cruz, M., Sanz, D., Molinero, A., Fandan, R.S., Pampillón, M.Á., Calle, F., Gandía, J.J., Cárabe, J., & Martínez, J. Micromachines, 10(6), 402 (2019).
-  [Quality assessment of terahertz time-domain spectroscopy transmission and reflection modes for graphene conductivity mapping](#)  
Mackenzie, D. M., Whelan, P. R., Bøggild, P., Jepsen, P. U., Redo-Sanchez, A., Etayo, D., Fabricius, N. & Petersen, D. H. Optics express, 26(7), 9220-9229 (2018).
-  [Mapping the electrical properties of large-area graphene](#)  
Bøggild, P., Mackenzie, D. M., Whelan, P. R., Petersen, D. H., Buron, J. D., Zurutuza, A., ... & Jepsen, P. U. 2D Materials, 4(4), 042003 (2017).