AN ELECTROCHEMICAL SENSOR BASED ON GRAPHITE ELECTRODE MODIFIED WITH SILICA CONTAINING 1-N-PROPYL-3-METHYLIMIDAZOLIUM SPECIES FOR DETERMINATION OF ASCORBIC ACID

ANASTASIIA B. TKACHENKO, MYKYTA O. ONIZHUK, OLEG S. TKACHENKO, LELIZ T. ARENAS, EDILSON V. BENVENUTTI, YOSHITAKA GUSHIKEM, ANTON V. PANTELEIMONOV

References:

1. Pappenberger, G.; Hohmann, H. P. Industrial Production of l-Ascorbic Acid (Vitamin C) and d-Isoascorbic Acid. In: H. Zorn, P. Czermak (Eds.). Biotechnology of Food and Feed Additives. Advances in Biochemical Engineering/Biotechnology. 2013, 143, 143–188.
35. Onizhuk, M. O.; Tkachenko, O. S.; Panteleimonov, A. V.; et al. Electrochemical oxidation of quercetin in aqueous and ethanol-water media with the use of graphite/chemically modified silica ceramic electrode. Ionics 2017, 24, 1755–1764.