## Accepted Manuscript

Electroreduction of nitrate anions on cubic and polyoriented platinum nanoparticles modified by copper adatoms



Maria R. Ehrenburg, Alexey I. Danilov, Inna G. Botryakova, Elena B. Molodkina, Alexander V. Rudnev

PII:	\$1572-6657(17)30620-3
DOI:	doi: 10.1016/j.jelechem.2017.08.051
Reference:	JEAC 3492
To appear in:	Journal of Electroanalytical Chemistry
Received date:	21 July 2017
Revised date:	30 August 2017
Accepted date:	31 August 2017

Please cite this article as: Maria R. Ehrenburg, Alexey I. Danilov, Inna G. Botryakova, Elena B. Molodkina, Alexander V. Rudnev, Electroreduction of nitrate anions on cubic and polyoriented platinum nanoparticles modified by copper adatoms, *Journal of Electroanalytical Chemistry* (2017), doi: 10.1016/j.jelechem.2017.08.051

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

# **ACCEPTED MANUSCRIPT**

1

## Electroreduction of nitrate anions on cubic and polyoriented platinum

#### nanoparticles modified by copper adatoms

Maria R. Ehrenburg<sup>a,\*</sup>, Alexey I. Danilov<sup>a†</sup>, Inna G. Botryakova<sup>a</sup>, Elena B. Molodkina<sup>a</sup>,

Alexander V. Rudnev<sup>a,b,\*</sup>

<sup>a</sup> Frumkin Institute of Physical Chemistry and Electrochemistry, Russian Academy of Sciences,

Leninskii pr. 31, Moscow, 119071 Russia

<sup>b</sup> University of Bern, Freiestrasse 3, 3012 Bern, Switzerland

#### \*Corresponding authors

E-mail address: mehrenburg@gmail.com (M.R. Ehrenburg); rudnev@dcb.unibe.ch (A.V. Rudnev)

<sup>†</sup> Deceased.

Download English Version:

# https://daneshyari.com/en/article/4907614

Download Persian Version:

https://daneshyari.com/article/4907614

Daneshyari.com