

COVER LETTER

To: Prof. Dr Branislav Ž. Nikolić,

Editor in Chief,

Journal of the Serbian Chemical Society

Dear Editor,

I am sending herewith the manuscript to be considered for publication in Journal of the Serbian Chemical Society. All the authors mutually agree for submitting this manuscript to the journal.

The manuscript is entitled:

“ Electrochemical study of novel composite electrodes based on glassy carbon bulk-modified with Pt and MoO₂ nanoparticles supported onto multi-walled carbon nanotubes”

Abstract: This paper reports preparation and electrochemical study of new glassy carbon electrode (GCE) bulk-modified with synthesized hybrid materials: Pt - and MoO₂ nanoparticles deposited on the multi-walled carbon nanotubes (MWCNTs). The results of electrochemical study of commercial glassy carbon and electrodes modified with Pt- and MoO₂-MWCNT were obtained by cyclic voltammetry in K₄Fe(CN)₆ and NaOH solutions. The morphology and structure of synthesized hybrid materials were analyzed using the method of high resolution transmission electron microscopy (HRTEM) indicating the presence of well dispersed nanoparticles of Pt and MoO₂ over MWCNT network. The results of electrochemical study show that the capacitance of electrode modified with MoO₂-MWCNT and Pt-MWCNT is about 62-65 times higher than the capacitance of the commercial glassy carbon electrode.

On behalf of all authors, I certify that this paper consists of original, unpublished work which has not been submitted earlier to other journal. The manuscript is not under consideration for publication by any other journal and will not be submitted for such a review while under review by the Journal of the Serbian Chemical Society. the manuscript contains no libellous or other

unlawful statements and does not contain any materials that violate any personal or proprietary rights of any other person or entity.

Hereafter, I make a suggestion of three reviewers:

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Sincerely,

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