Babolsar, June, 1, 2015

# Dear Professor

# Editor in Chief of*Journal of the Serbian Chemical Society*

I am glad to submit the manuscript of our article entitled**: Novel Trolox Derivatives as Antioxidant: A DFT Investigation** for publication in ***Journal of the Serbian Chemical Society***

**a)** In this work, the antioxidant activity of Trolox derivatives investigated by density function theory and polarization continuum model as solvent model in order to propose the novel derivatives with higher antioxidant activity. The effects of various substituents, reducing the number of atoms in the heterocyclic ring and replacing the oxygen heteroatom of Trolox with other heteroatoms on the antioxidant activity of Trolox evaluated.

**b)** I approved that this manuscript represents original work that has not been published or simultaneously submitted for publication elsewhere.

**c)** I would be thankful if you choose the referees yourself on behalf of me.

I would be grateful, if you consider its suitability for the publication in this journal. I look forward to hearing from you at your earliest convenience.

With kindest regards,

Yours sincerely

Davood Farmanzadeh
Associate Professor of Chemistry

Department of Physical Chemistry

Faculty of Chemistry

University of Mazandaran

Babolsar 47416-95447
The Islamic Republic of Iran

Email : d.farmanzad@umz.ac.ir / [dfarmanzad@yahoo.com](http://mail.umz.ac.ir/WorldClient.dll?Session=LLUZPDQ&View=Compose&To=dfarmanzad@yahoo.com&New=Yes)

Tel: +98 1135302382

Fax: +98 1135302350 (Department Secretary)

**The names and e-mail addresses of potential Referees**

Zhivko A.Velkov, jivko\_av@abv.bg, South-West University ‘‘Neofit Rilski’’, Department of Chemistry, 66 Ivan Mihajlov Street, 2700-Blagoevgrad, Bulgaria.

Markus Griesser, markus.griesser@tugraz, Institute of Physical und Theoretical Chemistry, Graz University of Technology, Graz, Austria.

Jan Rimarcik, jan.rimarcik@stuba.sk , Institute of Physical Chemistry and Chemical Physics, Slovak University of Technology Radlinského 9, SK-812 37 Bratislava, Slovak Republic.

Vladimı´r Lukes, vladimir.lukes@stuba.sk, Department of Chemical Physics, Slovak University of Technology, Radlinske´ho 9, SK-812 37 Bratislava, Slovak Republic.