

Current Pharmaceutical Analysis

Manuscript Evaluation Form

Editor-in-Chief: Anastasios Economou, Department of Chemistry, Laboratory of Analytical Chemistry, University of Athens, Athens, Greece

PAPER TITLE	Classified preparation of antioxidants from Magnolia officinalis cortex and evaluation of antioxidant activity by luminol chemiluminescence assay
AUTHOR(S) NAME	Lihua Li, Zhaoyang Li, Tianyou Guo, Xiangrong Tian

Sec. A: REFEREE'S ASSESSMENT

(cross as appropriate)

Criterion	Excellent	Good	Fair	Poor
Originality of the topic	x			
Technical Quality		x		
Importance in its Field	x			
Style & Overall Representation		x		
Readily Understandable	x			
Suitability for the Journal	x			
Adequate Illustrations or Drawings	x			
English language		x		
Description	Yes	No	Comments/ Suggestions	
Does the title represent manuscript's contents?	x			
Is the Abstract accurate and concise?	x			
Are the approach/ methods properly described?	x			
Are the conclusions and interpretations sound?	x			
Are the references properly cited?	x			
Is this a new/ original/ contribution?	x			
Is it within the scope of the journal?	x			
Overall the Paper is Rated:	(Excellent -8----- Poor) 10 9 8 7 6 5 4 3 2 1			

Sec. B: REFEREE'S RECOMMENDATIONS

OTHER SPECIFIC CRITICISMS

Accept with minor changes

x

Imperfect style

x

Accept with major changes

Too long

Reject in current form, but may be resubmitted

References incorrectly presented

Reject, with no resubmission

Typographical and Grammatical errors

x

PAPER TYPE: Research article

Review article

Letter article

BENTHAM SCIENCE PUBLISHERS:

Bentham Science Publishers

Executive Suite Y-2, P.O. Box 7917, Saif Zone, Sharjah, U.A.E.

Fax Nos: + 215-3109757 (USA) , + 971-6-5571134 (UAE)

Please send your comments via email at: cpa@benthamscience.org

Confidential Comments to the Editor (not for Transmission to Authors):

This is an important contribution, within the scope of the journal and suitable for publication after some revision.

Some conclusions are given within the Results and discussion section, as well as in the Abstract. A short conclusion can also be added at the end of the manuscript.

Comments for the Authors (continue on another sheet, if necessary):

Review of the article entitled

Classified preparation of antioxidants from *Magnolia officinalis* cortex and evaluation of antioxidant activity by luminol chemiluminescence assay,
by Lihua Li, Zhaoyang Li, Tianyou Guo, Xiangrong Tian

This study reports the classified preparation of antioxidants from *magnolia officinalis* cortex and evaluation of antioxidant activity of three different crude extracts, three different active constituents and two chemical compounds, by luminol chemiluminescence assay. The free radical scavenging activity of alkaloids was demonstrated for the first time, which also provides a foundation for both the future investigations and efficient utilization of the natural antioxidants from *Magnolia officinalis* cortex.

This is an important contribution, within the scope of the journal and suitable for publication after some revision.

In the Running title replace Preparation of antioxidants instead of Classified of antioxidants
The English language has to be improved.

For example, in the last sentence of the Abstract, replace: This research demonstrated the free radical scavenging activity of alkaloids and also provides, or also provided, instead of provide

In the Introduction, replace protective effect on neurons, instead of protect effective on neuro, the correct spelling is systematically, use italic for *in vitro*

The last sentence of the Introduction is too long and can be divided into two or three sentences.

Use plural, on page 3, for: The free radical scavenging capacities of the prepared samples were measured, instead of capacity

On page 4, the activities of S_{VII} (magnolol) were weak, or the activity was weak

This information, instead of These informations

On page 6, the correct sentence is: In this study, the free radical scavenging activity of alkaloids was investigated for the first time

On page 8, correct typographical error Agilent, instead of Angilent.

On page 10, The chemiluminescence signals of the three kinds of systems were measured

Replace as follows, instead of as fellows

I₀ was the chemiluminescence signal of the essential control (DMSO)

BENTHAM SCIENCE PUBLISHERS:

Bentham Science Publishers

Executive Suite Y-2, P.O. Box 7917, Saif Zone, Sharjah, U.A.E.

Fax Nos: + 215-3109757 (USA), + 971-6-5571134 (UAE)

Please send your comments via email at: cpa@benthamscience.org

In Figure 1, replace Chemical compounds instead of compounds
 If singular is used for Active constituent, use singular also for Raw material, Extract and Chemical compound, the quality of this figure can be improved
 In Figure 1, as well as in Table 1, use capital letter for 60 % Ethanol extract II and 80 % Ethanol extract III
 Move the adequate legend below Figure 1
 Footnote 1 can be removed from the end of page 7 below Table 1.

On pages 8 and 9, separate the appropriate subheadings from the paragraphs
 The correct subheading on page 10 is Free radical scavenging activity determination assays
 On page 11, Determination of total phenol content
 Use one space between the numbers and units of measure in the entire manuscript.
 On page 9, replace °C, instead of °C, sulphuric acid, instead of sulfuric acid, in an 8-fold volume, instead of in a 8-fold volume, After ten minutes, instead of After a ten minutes
 Water for the experiments was redistilled.
 On page 10, replace into a well which contained 100µL of luminol, instead of 100µL luminol
 Place in the same row: on page 10, (1×10^{-3} mol/L) and (It ($\bullet\text{OH}$)), on page 11, 0.8 mL
 Replace per gram, instead of per gramme
 Some conclusions are given within the Results and discussion section, as well as in the Abstract. A short conclusion can also be added at the end of the manuscript.

FIELD OF EXPERTISE OF REFEREE: Materials and chemical technologies, nanotechnologies, biomedical engineering, chemistry, medicinal and pharmaceutical chemistry

Name & Affiliation of referee: Tamara Jovanovic, Department of Biomedical Engineering, Faculty of Mechanical Engineering, University of Belgrade, Kraljice Marije 16, 11120 Belgrade, Serbia

Dr Tamara Jovanovic / January 29, 2019
SIGNATURE OF REFEREE / DATE