**Response to the reviewer comments (27.09.2019)**

Reviewer A:  
  
Does the manuscript contain enough significant original material?:  
        yes  
  
Is the manuscript clearly and concisely written?:  
        yes  
  
Are the conclusions adequately supported by the data?:  
        yes  
  
Does the manuscript give appropriate credit to related recent publications?:  
  
        yes  
  
Are the references appropriate and free of important omissions?:  
        yes  
  
Is the length of the manuscript appropriate?:  
        yes  
  
Does the manuscript need condensation or extension?:  
        no  
  
Is the quality of the figures (including legends and axes labelling)  
satisfactory?:  
        yes  
  
Are the nomenclature and units in accordance with SI?:  
        yes  
  
Are the English grammar and syntax satisfactory?:  
        yes  
  
ADDITIONAL COMMENTS  
Please indicate the page numbers for suggested corrections.  
Please, be as specific as possible if major correction by the author(s) is  
recommended! :  
        In my opinion, the revised manuscript entitled: “Binuclear copper(II)  
complexes: synthesis, structural characterization, DNA binding and in silico  
studies” by M. Igbal et al. could be suitable for publication in the  
Journal of the Serbian Chemical Society after minor revision:  
The experimental procedure of complexes stability examination should be  
written in the Experimental part of the manuscript (with the data of the  
concentrations of complexes used in the experiment).

**The experimental procedure of complexes stability examination and their concentration are written in the Experimental part of the manuscript; these changes are highlighted and given on page number 9.**  
  
REPORT:  
        In my opinion, the revised manuscript entitled: “Binuclear copper(II)   
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concentrations of complexes used in the experiment).

**The experimental procedure of complexes stability examination and their concentration are written in the Experimental part of the manuscript; these changes are highlighted and given on page number 9.**

In my opinion, this manuscript should:  
        be published after minor revision without additional review  
  
If manuscript is suitable for publishing, referees recommendation :  
        Original scientific paper  
  
------------------------------------------------------  
  
------------------------------------------------------  
Reviewer B:  
  
Does the manuscript contain enough significant original material?:  
        yes  
  
Is the manuscript clearly and concisely written?:  
        yes  
  
Are the conclusions adequately supported by the data?:  
        yes  
  
Does the manuscript give appropriate credit to related recent publications?:  
  
        yes  
  
Are the references appropriate and free of important omissions?:  
        yes  
  
Is the length of the manuscript appropriate?:  
        yes  
  
Does the manuscript need condensation or extension?:  
        no  
  
Is the quality of the figures (including legends and axes labelling)  
satisfactory?:  
        yes  
  
Are the nomenclature and units in accordance with SI?:  
        yes  
  
Are the English grammar and syntax satisfactory?:  
        yes  
  
ADDITIONAL COMMENTS  
Please indicate the page numbers for suggested corrections.  
Please, be as specific as possible if major correction by the author(s) is  
recommended! :  
        /  
  
REPORT:  
        Crystal structures should be deposited at the Cambridge Crystallographic  
Data Centre (CCDC) and the CCDC Deposition Number should be cited in the  
manuscript.

**The data of both crystals has been deposited with CCDC; these are highlighted in the revised manuscript and are given on page number 3.**  
  
Following corrections should be considered:  
  
Page 2  
Bromophenyl acetate is the derivatives  
to replace with  
Bromophenyl acetate is the derivative  
  
Page 2  
The dinuclear copper(II) complexes containing planar aromatic heterocyclic  
ligands shows pronounced  
to replace with  
The dinuclear copper(II) complexes containing planar aromatic heterocyclic  
ligands show pronounced  
  
Page 2  
The mononuclearcopper(II) complexes with phenanthroline ligand although  
shows DNA binding  
to replace with  
The mononuclearcopper(II) complexes with phenanthroline ligand also show DNA  
binding  
  
Page 2  
The phenanthroline ligand due to presence of aromatic ring in their chemical  
structure and hydrophobic nature enhance the DNA binding affinities of their  
complexes.  
to replace with  
The phenanthroline ligand, due to presence of aromatic ring in their  
chemical structure and hydrophobic nature, enhances the DNA binding  
affinities of the complexes.  
  
Page 2  
oxford diffraction  
to replace with  
Oxford diffraction  
  
Page 2  
The approach of molecular docking is used  
to replace with  
The molecular docking is used  
Page 4  
The ∆v value for complex 1 calculated was 243 which show  
to replace with  
The ∆v value for complex 1 was 243 cm-1 which shows

**The above mentioned changes are made in the revised manuscript, highlighted and given on the prescribed pages.**  
  
In my opinion, this manuscript should:  
        be published after minor revision without additional review  
  
If manuscript is suitable for publishing, referees recommendation :  
        Original scientific paper