



SDI Review Form 1.6

PART 1:

Journal Name:	<u>International Research Journal of Pure and Applied Chemistry</u>
Manuscript Number:	2013_IRJPAC_5355
Title of the Manuscript:	Azamacrocyclic Complexes: Synthesis and Xanthine Oxidase and Antioxidant Activity
Type of the Article	Research Paper

General guideline for Peer Review process is available in this link:

[\(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline\)](http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Compulsory REVISION comments	The authors report the syntheses, characterization and antioxidant activity of four azamacrocyclic complexes of Cu(II), Ni(II), Zn(II) and Ag(I). The synthesis and characterization of these compounds seems appropriately described and the antioxidant studies show the promise of the silver compound as xanthine oxidase inhibitor. In short, most of this paper seems straightforward to me and suitable for publication with revision to address the following points: 1. In general, the manuscript is far too wordy and particularly the abstract and the introduction are too long. The abstract can be shortened by removing superfluous material: it should describe only results of the present study. 2. The solubility and the behavior in solution of the complexes should be described, eg by ESI-MS, to identify the molecular species. 3. The radical scavenging activity of the	Thanks for your valuable suggestions. As per your suggestions we have made the following corrections. 1. Abstract has shortened and arranged as per guidelines to authors. 2. EI-MS: m/z ($[M]^+$) data in incorporated 3. Since it is insitu reaction radical scavenging activity of free ligand and metal salt cannot be compared.



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	complexes should be compared with that of the free ligand and metal salts.	
<u>Minor</u> REVISION comments	No comments	
<u>Optional/General</u> comments	No comments	