



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2014_IRJPAC_13420
Title of the Manuscript:	CRYSTALLOGRAPHIC AND STRUCTURAL ANALYSIS OF HETEROMETALLIC FeAg COMPLEXES
Type of the Article	Review Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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



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PART 1: 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		
Minor REVISION comments	- From my point of view, the Introduction is too short and does not reflect the importance of heterometallic Fe/Ag complexes and the necessity of the proposed review. - The English grammar and spellings should be checked very attentively. Examples: - Line 64: Their (maybe there?) have been many structural studies of such complexes - Lines 83-85: In [5] pair of equivalent dptpc ligands is coordinated to iron atom via the cyclopentadienyl rings and form (maybe forms?) a sandwich (FeC_{10}) and to silver atom via the two S atoms (AgS_2). - Line 91: 6 example (maybe 6 examples?) - Lines 123-124: There are four heterotetrameric (Fe_2Ag_2 (3 examples), FeAg_3 (1 example)) complexes and their structural parameters are gathered in Table 1C. - Line 171: which serve as bridge's - Lines 197-198: each $\{(\text{cp})\text{Fe}(\text{C}_5\text{H}_4\text{CH}_2\text{NMe}_2)\}$ moiety serve (maybe serves?) as bridge	- Some refs. were added - corrected - corrected - corrected - corrected



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	- Line 213: both form to a precise C_{2v} symmetry. - Line 217: wile (maybe while?) - Line 228: heteropoolymetric (maybe heteropolymeric?) - Lines 243-245: In structure of orange $[Fe\{CH_2(Ph_2PS)_2Ag\}_2(\mu-dptdf)_2](ClO_4)_2 \cdot CH_2Cl_2$ [28] the complex cationic units which are repeat to form a polymeric chain - Lines 245-246: The single Ag(I) atom displays a distorted tetrahedral geometry it is coordinated by a chelating $CH_2(Ph_2PS)_2$ ligand - Line 262: prefer to crystallized - Lines 268-270: The ligands can be divided into the three groups, one which are coordinated only to the iron atoms and the second group which bound only to M atom. - Line 289: As can be see (maybe seen?)	usually used such word bridge/s corrected changed corrected corrected highlighted was omitted the sentence was corrected was added was changed was changed
Optional/General comments	To be accepted for publication, the minor revision of the manuscript is required	