



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.

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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	1. Citation picture should be clear and representative, but a number of the picture is not clear, such as Figs. 3, 6 and 7. 2. In this paper, "Fe(III) atom", "Ag(I) atom" and so on repeatedly appear, and the statement between Fe(III) or Ag(I) and atom is contradictory. In the complexes, they are atoms or ions?	1. Were corrected 2. M(I) atom etc. is obviously used
Minor REVISION comments	1. There should be a space between the digital and the corresponding unit. 2. Line 64, "Their have been many structural studies of such complexes" expression is not correct. 3. Line 78, "Fe-Ag" is replaced by "Fe-Ag". 4. Line 105, "Fe...Ag" is replaced by "Fe...Ag". All of "..." in this paper should be replaced by "...". 5. Lines 183-185, there is a syntax error in the sentence "The structure may also by viewed ...". 6. Lines 216-217, the sentence "... wile a for the seven coordination ..." is not clear, it should be modified. 7. Line 240, "[Fe(C₅H₄S₂CNEt₂)₂.Ag]ClO₄.CH₂Cl₂" should be modified into "[Fe(C₅H₄S₂CNEt₂)₂Ag]ClO₄.CH₂Cl₂"; line 347, "[Ag(NO₃)(dppf)]₂.cntdot.2CHCl₃" should be replaced by [Ag(NO₃)(dppf)]₂.2CHCl₃; and similar to 244 line, 327-329 lines, 348-349 lines, 370-371lines, 386-388 lines, and 391 line. 8. Line 260, "nad" is replaced by "and". 8. In lines 292-294 and Tables 1 and 2, Å Should be Å. 9. 72 line of 1 B and 299 line of the I. B are inconsistent statements. 10. Many references are not standardized format, such as	1. done 2. corrected 3. accepted 4. accepted 5. be viewed 6. corrected 7. corrected 8. corrected 8. corrected 9. now, it is consistent 10. were corrected



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	references 1-8, 12-13, 17-19, 22-28. References should use standard abbreviations. In line 363, "schiff" is replaced by "Schiff"; line 381, "2-(n,n-dimethyl-aminomethyl)" should be replaced by "2-(N,N-dimethyl-aminomethyl)";	
<u>Optional/General</u> comments	1. Lines 116-117, Is the formula of $\text{Br}_2\text{Fe}(\mu\text{-S})_2\text{W}(\mu\text{-S})_2\text{Ag}(\text{PPh}_3)_2$ correct? Following similar situations: $[\{(\text{CO})_4\text{Fe}\}_3\text{Ag}_6\{\mu\text{-}\eta^3\text{-CH}(\text{PPh}_2)_3\}]\cdot 2\text{Me}_2\text{CO}$ (line 218), $[\text{Fe}(\text{C}_5\text{H}_4\text{S}_2\text{CNEt}_2)_2\cdot\text{Ag}]\text{ClO}_4\cdot\text{CH}_2\text{Cl}_2$ (line 240), and so on. 2. Line 115, is this expression of „real“ normative? This manuscript should be accepted for publication in International Research Journal of Pure and Applied Chemistry in after some revision.	1. yes yes corrected 2. yes