



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_23370
Title of the Manuscript:	THE STUDY OF SILVER NANOPARTICLES IN BASIS OF SLATER FUNCTIONS
Type of the Article	Review papers

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 <i>(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)</i>
<u>Compulsory</u> REVISION comments	There is no Introduction with description of the problem. There are no explanations why authors use the semi-empirical WH method. Ab initio methods work very well for 16-atomic particles. Authors do not discuss the parameters of used Slater functions and the procedure of optimization of the Ag16 cluster geometry. Authors do not compare their results with results of other works.	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	English is bad.	

Reviewer Details:

Name:	Anonymous
Department, University & Country	Institute of Materials Science, Federal Agency of Science Organizations, Russia