



SDI Review Form 1.6

Journal Name:	<u>Physical Science International Journal</u>
Manuscript Number:	Ms_PSIJ_28008
Title of the Manuscript:	Chemical Reaction and Radiative MHD Heat and Mass Transfer Flow with Temperature Dependent Viscosity past an Isothermal Oscillating Cylinder
Type of the Article	Original Research 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)
<u>Compulsory</u> REVISION comments	Author(s) investigated chemical reaction and radiative MHD heat and mass transfer flow with temperature dependent viscosity past an isothermal oscillating cylinder. The aim and objectives of the work is novel. However there are minor typo/grammatical mistakes which can be corrected. #1. Line 8, Abstract, Author(s) should start the abstract with at least two sentences on novelty statement. These sentences should state clearly what make this manuscript novel. #2. Line 31, Introduction, Author(s) stated that "One such study is related to the effects of free..." Reconstruct. #3. Line 37, Line 42, Line 48, Line 49 Introduction, Wrong in-text citation: Author(s) should remove "C. O.", "S. S." and "H. P."... #4. Discussion of Figure 5 is not enough. Author(s) should explain the reason why velocity profile increases. #5. Author(s) should update the introduction section with the following related published articles on variable viscosity in the presence of Lorentz force: Unequal diffusivities case of homogeneous heterogeneous reactions within viscoelastic fluid flow in	



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	the presence of induced magnetic-field and nonlinear thermal radiation, Alexandria Engineering Journal, 2016, in-press. doi:10.1016/j.aej.2016.01.018. Bioconvection in MHD nanofluid flow with nonlinear thermal radiation and quartic autocatalysis chemical reaction past an upper surface of a paraboloid of revolution, International Journal of Thermal Sciences 109, 2016, 159 - 171. doi:10.1016/j.ijthermalsci.2016.06.003 Thermophoresis and Brownian motion effects on MHD bioconvection of nanofluid with nonlinear thermal radiation and quartic chemical reaction past an upper horizontal surface of a paraboloid of revolution, Journal of Molecular liquids 221, 2016, 733 - 743. doi:10.1016/j.molliq.2016.06.047	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

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