



## SDI FINAL EVALUATION FORM 1.1

### PART 1:

Journal Name:	<a href="#">Physical Science International Journal</a>
Manuscript Number:	Ms_PSIJ_27869
Title of the Manuscript:	Natural Convective Mass Transfer MHD Flow of Chemically Reactive Micropolar Fluid past a Vertical Porous Plate
Type of Article:	Original Research Article

### PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p><b>Authors should correct the following typo errors or grammatical errors</b></p> <ol style="list-style-type: none"> <li><b>Line 30:</b> Prathap kumer (2010) <b>stuiied</b> on free convection flow of micropolar and viscous fluids through a vertical duct.</li> <li><b>Line 37:</b> Bakr (2011) driven the effect of chemical reaction <b>an-a</b> micropolar fluid with oscillatory plate.</li> <li><b>Line 165:</b> <b>Schmidt number decrease</b> the molecular diffusivity. <b>Reply:</b> Schmidt number decreases the molecular diffusivity.</li> <li><b>Line 165:</b> <b>Concentration curves is</b> also declined as Schmidt number (<math>S_c</math>), suction parameter (<math>f_w</math>), micro-rotational parameter <math>\Delta</math> increase. <b>Reply:</b> Concentration curves are...</li> <li><b>Line 170:</b> The fluid velocity and angular velocity <b>profiles-decreases</b> with the increase of Modified Grashof number <b>Reply:</b> ...<b>profile decreases</b></li> <li><b>Line 170:</b> The velocity and angular velocity profiles decreases <b>Reply:</b> ...<b>profile decreases</b></li> </ol> <p>Author(s) should update the introduction section with the following published articles on MHD flow: Unequal diffusivities case of homogeneous heterogeneous reactions within viscoelastic fluid flow in the presence of induced magnetic-field and nonlinear thermal radiation, Alexandria Engineering Journal, 2016, in-press. doi:10.1016/j.aej.2016.01.018.</p> <p>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</p> <p>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</p>	

### Reviewer Details:

Name:	<b>Animasaun, Isaac L.</b>
Department, University & Country	<b>Department of Mathematical Sciences, Federal University of Technology, Nigeria.</b>