



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Advances in Research
Manuscript Number:	2014_AIR_15197
Title of the Manuscript:	Effect of Sinusoidal Excitation on Fluid Flow across a Cu-Mica Microchannel
Type of the Article	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
<p>The revised paper version 1 has been improved, but there are still a number of points that have to be addressed. The discussion of the results is missing. For example, The authors claim "The results of the investigations showed that the rate of flow of micro-fluids increases with an increase in the angle of elevation. Chloroform shows maximum speed and the acceleration is maximum around the elevation angles 60°-70°.Ethanol shows minimum speed"</p> <p>What occurs with the methanol at the same elevation angles 60°-70°? The viscosity of Methanol and the chloroform is 0.56 cp and 0.53 cp, respectively.</p> <p>"Both ethanol and methanol show maximum acceleration around 80°-90° of elevation angles. The velocity of the fluids is also a function of temperature. Chloroform shows maximum velocity at 50°C and minimum at the room temperature. The acceleration is fluid dependent."</p> <p>These comments are looked as a common sense. What is the importance of the above results? Why are relevant results?</p> <p>If the author's "motive behind writing this was that the velocity varies while applying frequency oscillations", Is it worth mentioning such obvious facts?</p> <p>My suggestion is to eliminate lines 11-16.</p> <p>The caption of the figure 6 must to mention anything about temperature. Also, it must be to include "effect of PWM vibrations" in figure 6.</p> <p>The authors must to provide some explanation of their results for each experiment described in the manuscript, specially, for those results of the fourth experiment.</p> <p>As a second version, there are still obvious mistakes in the paper, e.g., page 1, line 13, "60°-70°.Ethanol ", it must include a space between 70° and Ethanol, etc.</p> <p>The assistance of native speaker seems necessary.</p>	<p>Thanks for the comments. Lines 11-16 are eliminated and the caption for fig. 6 is modified. We tried to modify the results section again. Hopefully, it will be ok now.</p>