Dear Editors:

We would like to submit the enclosed manuscript entitled “High efficient deposition of 2-in. double-sided YBCO thin films in batch with pulsed inject MOCVD”, which we wish to be considered for publication in “Physica C: Superconductivity and its Applications”. No conflict of interest exits in the submission of this manuscript, and the manuscript is approved by all authors for publication. I would like to declare that the work described was original research that has not been published previously, and not under consideration for publication elsewhere, in whole or in part. All the authors listed have approved the manuscript that is enclosed.

In this work, we presented a high efficient production method of double-sided YBCO thin films in batch with pulsed inject MOCVD. In this way, the average preparation rate of 2-in. double-sided 500 nm thick YBCO thin films could be only about 16 minutes per piece, which was highest ever reported. Meanwhile, YBCO thin films prepared had good performance in superconductivity and low microwave surface resistance, which met the demand of microwave filters. Therefore, we believed that our method had an advantage in the batched production of double-sided YBCO thin films. I hope this paper is suitable for “Physica C: Superconductivity and its Applications”.

We deeply appreciate your consideration of our manuscript, and we look forward to receiving comments from the reviewers. If you have any queries, please don’t hesitate to contact me at the address below.

Thank you and best regards.

Yours sincerely,
Ran Chen