

# Review of: "Riemann Hypothesis on Grönwall's Function"

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**Potential competing interests:** No potential competing interests to declare.

## Review Report

**Title:** Riemann Hypothesis on Grönwall's Function

**Author:** Frank Vega

In this paper the author has stated that Riemann hypothesis is true if and only if there exist infinitely many consecutive colossally abundant numbers  $3 \leq N < N'$  such that  $G(N) \leq G(N')$ . Furthermore, the author has succeeded to show that Riemann hypothesis is true when there exist infinitely many hyper abundant numbers  $n$  with any parameter  $u \geq 1$ .

In my opinion, the article contains new and interesting results for those that work in this field of interest. The results are correctly proved, the English is a good one, the references contain appropriate citations, and the manuscript is well-written.

### Remarks

1. The last word in the line before Proposition 1 shall be replaced by proposition;
2. In the references, the first letter of the first word only shall be capitalized and the rest are small.

I recommend the publication of this paper in Qeios