Review of: "Modified Hawking radiation of Schwarzschild-like black hole in bumblebee gravity model"

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Potential competing interests: No potential competing interests to declare.

In this paper, the authors investigate the Hawking radiation of Schwarzschild-like blackhole in bumblebee gravity models, which is an interesting model for investigating. This paper is written well and organized well. Before its publication, I will have some problems for this paper:

1. Since the author have set $G=1$, thus $G_N=1$ (they should be the same Newtonian constant), where notation is different.
2. To illustrate the calculation of eq. (5) (surface gravity), which is better to show more details for the computation of χ_μ.
3. Since the author shows the calculation of Hawking temperature in terms of the Hamilton-Jacobi method in PG and IEF coordinates, it is better to show more details of W(h) as shown in eq. (10).
4. Under the GUP, the authors have investigated the influences towards the Hawking temperature as shown in eq. (62). After the calculation, more discussions about its physical consequences and implementation should be added that make this calculation more complete.
5. There is a typo that shows before eq. (70), “On the other hand, In the framework of string theory”, that should be modified into “in the framework of string theory”.
6. The most important thing is that: In Sec. V, the authors have investigated the entropy of SBHBGM that shows the parameter l will modify the entropy. In order to compare the standard one, the author introduces the angular frequency to represent the deviation of the standard entropy, which is dubbed as the quantum correction. However, this result comes via the method of thermodynamics of BH, how it is explicitly related to the quantum corrections as shown in eq. (70). Thus, more discussions are necessary to clarify this issue. If the authors could respond to these points, this paper will be definitely worth the publication.