

and publications. The results are illustrated with 30 tables and 116 figures. The cited literature includes 153 bibliographic sources.

The dissertation work is based on a total of 11 publications, of which 9 are conference reports and 2 in international journals, which are referenced and indexed in the international Scopus and/or Web of Science databases. The two scientific publications are in scientific journals in quartile 3, which carry 30 marks.

3. Evaluation of the main scientific and scientific-applied contributions of the candidate

I agree with the scientific and scientific-applied contributions listed by the author, which inspire respect for a well-established specialist.

4. Critical notes and recommendations

I have no critical notes and recommendations for the candidate.

5. Summary

The summary meets the requirements and covers the content of the dissertation in a sufficient volume. It is written on 50 pages and is richly illustrated with tables and figures.

6. Conclusion

On the basis of the presented materials and after thorough familiarization with them, I believe that the dissertation meets the requirements of the Law on the Development of the Academic Staff in the Republic of Bulgaria, the Regulations for the Implementation of LDASRB, the Regulations for the Development of the Academic Staff at the Shumen University.

My assessment on the dissertation work is positive and I strongly recommend it to the respected scientific jury to award the educational and scientific degree “doctor” to Seniha Ismail Salim in professional field 4.1. Physical Sciences, Doctoral Programme “Medical Physics”.

29.5.2024 г.
Blagoevgard


Assoc. Prof. Ralitsa Stanoeva