

ПУБЛИКАЦИИ

в научни издания реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus).

на гл. ас. Бояна Кънчева Първанова, дб,

във връзка с конкурс за заемане на академична длъжност доцент по „Биофизика“, професионално направление 4.3. Биологически науки, област на висшето образование 4. Природни науки, математика и информатика за нуждите на Катедра "Медицинска физика, Биофизика, Рентгенология и Радиология", Медицински факултет, Тракийски университет – Стара Загора, обявен в ДВ, бр. 60/14 юли 2023 г.

На вниманието на членовете на Научното жури са представени общо 23 научни труда, публикувани у нас и в чужбина за периода 2014 -2023 г.

Публикации в международни списания с квантил Q 1: **3**

Публикации в международни списания с квантил Q 2: **2**

Публикации в международни списания с квантил Q 3: **5**

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Публикации в международни списания с SJR: **9**

Автореферат на дисертация за получаване на степен „доктор” по биофизика: **1**

Публикациите ми са в следните международни списания:

1. *Bioelectrochemistry*
2. *Electrochimica Acta*
3. *AIP Conference Proceedings*
4. *Nanomaterials*
5. *Cryobiology and Cryomedicine*
6. *Bulgarian Journal of Veterinary Medicine*
7. *General Physiology and Biophysics*
8. *European Biophysics Journal*
9. *Current Topics in Electrochemistry*
10. *Membranes*
11. *Molecules*

Линк към профилът ми в Web of Science:

<https://www.webofscience.com/wos/author/record/1908227,48296196>

Линк към профила ми в Scopus:

<https://www.scopus.com/authid/detail.uri?authorId=55181717900>

Подробен списък на публикациите:

1. Ivanov I, **Paarvanova B**. Role of Plasma Membrane at Dielectric Relaxations and Intermembrane Interaction in Human Erythrocytes. *Membranes*, 2023, 13, 658, ISSN 20770375 <https://doi.org/10.3390/membranes13070658>.
2. **Paarvanova BK**, Tacheva BB, Karabaliev MI, Chakaarov I, Chakaarova P, Ivanov IT. Thermal dielectroscopy study of human erythrocytes with hereditary spherocytosis. *Current Topics in Electrochemistry*, 2022, 24, 69-75, ISSN 09724443, <https://www.scopus.com/record/display.uri?eid=2-s2.0-85153501920&origin=resultslist&sort=plf-f>
3. Ivanov IT, **Paarvanova B**, Dielectric relaxations on erythrocyte membrane as revealed by spectrin denaturation, *Bioelectrochemistry*, 2016, Volume 110, Pages 59–68, ISSN: 1567-5394, <http://www.sciencedirect.com/science/article/pii/S1567539416300391>.
4. Ivanov IT, **Paarvanova B**. Differential dielectroscopic data on the relation of erythrocyte membrane skeleton to erythrocyte deformability and flicker. *European Biophysics Journal*, 2021, 50:69–86, ISSN: 14321017, 01757571, DOI <https://doi.org/10.1007/s00249-020-01491-4>
5. **Paarvanova B**, Tacheva B, Tolekova A, Hadzhibozheva P, Georgiev T, Karabaliev M, Ivanov IT. Mild laboratory-induced metabolic disorder in rats. Effect on erythrocyte membrane according to a dielectroscopic study. *AIP Conference Proceedings*, 2019, 2186, 110006, ISSN:15517616, <https://doi.org/10.1063/1.5138025>.
6. **Paarvanova BK**, BB Tacheva, MI Karabaliev, IT. Ivanov. Thermal dielectroscopy - A new method for studying the membrane skeleton of human erythrocytes. *AIP Conference Proceedings*, 2017, 1906, 150004, ISSN:15517616, <https://doi.org/10.1063/1.5012428>.
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8. Tacheva B, **Paarvanova B**, Ivanov IT, Tenchov B, Georgieva R, Karabaliev M. Drug Exchange between Albumin Nanoparticles and Erythrocyte Membranes. *Nanomaterials*, 2019, 9(1), 47, ISSN:20794991 <https://doi.org/10.3390/nano9010047>.

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10. Ivanov I, Paarvanova B, Ivanov V, Smuda K, Bäumlner H, Georgieva R. Effects of heat and freeze on isolated erythrocyte submembrane skeletons. *Gen. Physiol. Biophys.*, 2017, 36, 155–165 ID: 2693-16106, ISSN: 02315882, 13384325, DOI:10.4149/gpb_2016046. <http://www.gpb.sav.sk/Ivanov%20et%20al.pdf>
11. Paarvanova B, Karabaliev M, Tacheva B, Ivanov I. Impact of permeant cryoprotectors on under-membrane skeleton of human erythrocytes, *AIP Conference Proceedings*, 2019, 2075, 170012, ISSN:15517616 <https://doi.org/10.1063/1.5091377>.
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