Списък на научните публикации на гл. ас. д-р Емилия Вачева

Научни трудове, на основата на които е защитена дисертация

Vacheva E. (2018): First records of keratophagy in *Zootoca vivipara* (Lichtenstein, 1823) suggest a common occurrence in free-ranging populations (Reptilia: Lacertidae). Herpetology Notes, 11:963–965. SJR: 0.274.

Vacheva E., Naumov B., Tzankov N. (2020): Diversity and Habitat Preferences in Lizard Assemblages (Reptilia: Sauria) from Model Territories in Western Bulgaria. Acta Zoologica Bulgarica, 72 (3): 385–396. IF: 0.448, Q3 **(WoS).**

Vacheva E., Naumov B. (2020): Diet of the Viviparous lizard *Zootoca vivipara* (Lichtenstein, 1823) (Reptilia: Lacertidae) from its southern range of distribution. North Western Journal of Zoology, 16 (2): 178–190. IF: 0.969, Q3 **(WoS).**

Научни трудове извън дисертацията

Показател В4 (Хабилитационен труд – научни публикации в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация)

1) Kornilev Y.V., Popgeorgiev G., **Vacheva E.**, Tzankov N. (2018): First records of melanism (including in tail bifurcation) of lacertid lizards (Reptilia: Lacertidae) in Bulgaria. North Western Journal of Zoology, 14 (1): 142–144**. IF: 0.843, Q2 (WoS). [20 точки]** Линк
2) **Vacheva E.**, Sedefchev H., Stanchev N., Tsevtkov M., Lazarkevich I. (2022): On the maximum size of the European green lizard *Lacerta viridis* (Laurenti, 1768) from Bulgaria. Herpetology Notes, 15: 453–456. **SJR: 0.336. [10 точки]** Линк
3) **Vacheva E.**, Naumov B. (2022): A contribution to the knowledge on the diet and food preferences of *Darevskia praticola* (Reptilia: Lacertidae). Acta Herpetologica, 17 (1): 27–36. **IF: 0.848, Q3 (WoS). [15 точки]** Линк
4) Oskyrko O., Sos T., **Vacheva E.**, Vlad S.E., Cogălniceanu D., Uller T., Feiner N., Carretero M.A. (2022): Unraveling the origin of the common wall lizards (*Podarcis muralis*) in Southeastern Europe using mitochondrial evidence. Biodiversity Data Journal, 10: e90337. **IF: 1.54, Q2 (WoS). [20 точки]** Линк
5) **Vacheva E.**, Naumov B. (2024): The common wall lizard *Podarcis muralis* (Reptilia: Lacertidae) shows diverse food preferences and intraspecific difference: a study case from Bulgaria. Turkish Journal of Zoology, 48 (3): 188–197; **IF: 1.7, Q2 (WoS). [20 точки]** Линк
6) **Vacheva E.**, Naumov B. (2024): Some insights into the diet of the Balkan wall lizard *Podarcis tauricus* (Georgi, 1801) in NW Bulgaria. Biharean Biologist, 18 (1): 51–56. **SJR: 0.158. [10 точки]** Линк
7) **Vacheva E.**, Naumov B. (2024): Diet composition of the lizard *Lacerta viridis* (Laurenti, 1768) (Reptilia: Lacertidae) in Bulgaria confirm its generalistic feeding behavior. Historia naturalis bulgarica 46 (7): 181–187. **SJR: 0.284. [10 точки]** Линк
8) **Vacheva E.**, Naumov B. (2025): Data on the Trophic Spectrum of *Ablepharus kitaibelii* (Reptilia: Scincidae). Acta Zoologica Bulgarica, 77 (1): 85–91. **IF: 0.5, Q3 (WoS). [15 точки]** Линк
9) **Vacheva E.**, Stanchev N., Krastev G., Dyugmedzhiev A., Naumov B. (2025): On the thermal ecology of two coexisting lizard species (Reptilia: Lacertidae) in a hot and dry area of Bulgaria. Herpetozoa, 38: 103–116. **IF: 0.9, Q3 (WoS) [15 точки]** Линк
10) **Vacheva E.**, Naumov B., Krastev G., Stanchev N. (2025): Lizards in the Dark: the First Records of Nocturnal Activity in the Eastern Green Lizard (*Lacerta viridis*) (Reptilia:

Lacertidae) in Bulgaria. Historia naturalis bulgarica, 47 (7): 163–167. **SJR: 0.22. [10 точки]** Линк

Показател Г7 (Научни публикации в издания, които са реферирани и индексирани в световноизвестни бази данни с научна информация (Web of Science и Scopus), извън хабилитационния труд)

11) Lukanov S., Stanchev N., **Vacheva E.**, Naumov B. (2018): A unique case of temporary bloat in Buresch's crested newt *Triturus ivanbureschi* Arntzen and Wielstra, 2013. Herpetology Notes, 11: 971–973. **SJR: 0.274. [10 точки]** Линк
12) Naumov B., Lukanov S., **Vacheva E.** (2020): Social media in service of biodiversity conservation: providing new locality for *Ichthyosaura alpestris* (Laurenti, 1768), a glacial relict in Bulgaria. Herpetology notes, 13: 181–183. **SJR: 0.401. [10 точки]** Линк
13) Andonov K., Dyugmedzhiev A., Lukanov L., Slavchev M., **Vacheva E.**, Stanchev N., Popgeorgiev G., Duhalov D., Kornilev Y.V., Nedeltcheva-Antonova D., Naumov B. (2020): Analyses of skin secretions of *Vipera ammodytes* (Linnaeus, 1758) (Reptilia: Serpentes), with focus on the complex compounds and their possible role as sex pheromone. Molecules, 25 (16): 3622**. IF: 3.267, Q1 (WoS). [25 точки]** Линк
14) Kornilev Y.V., Lukanov S., Pulev A., Slavchev M., Andonov K., **Vacheva E.**, Vergilov V., Mladenov V., Georgieva R., Popgeorgiev G. (2020): The Alien Pond Slider *Trachemys scripta* (Thunberg in Schoepff, 1792) in Bulgaria: Future Prospects for an Established and Reproducing Invasive Species. Acta Zoologica Bulgarica, 72 (4): 571–581. **IF: 0.448, Q3 (WoS). [15 точки]** Линк
15) Popova S., **Vacheva E.**, Zlatanova D., Tzankov N. (2021): Age and Sex-related Differences Determine Microhabitat Use in *Lacerta agilis bosnica* (Reptilia: Lacertidae) in Western Bulgaria. Acta Zoologica Bulgarica, 73 (1): 77–85. **IF: 0.362, Q4 (WoS). [12 точки]** Линк
16) Naumov B., Lukanov S., **Vacheva E.**, Slavchev M. (2023): Distribution and Ecology of *Triturus cristatus* (Laurenti, 1768) (Amphibia: Salamandridae) in Bulgaria. Acta Zoologica Bulgarica, 75 (1): 113–122. **IF: 0.354, Q4 (WoS). [12 точки]** Линк
17) Andonov K., Dyugmedzhiev A., Lukanov S., **Vacheva E.**, Duhalov D., Nedeltcheva-Antonova D., Gechovska K., Naumov B. (2023): Chemical map of skin secretions in old-world snakes. Biochemical Systematics and Ecology, 110, 104713; **IF: 1.600, Q3 (WoS). [15 точки]** Линк
18) Kornilev, Y., Popgeorgiev G., Plachiyski D., Dyugmedzhiev A, Mladenov V., Andonov K., Lukanov S., **Vacheva E.**, Slavchev M., Naumov B. (2023): Distribution of the grass snake (*Natrix natrix*) and dice snake (*N. tessellata*) in Bulgaria. Historia naturalis bulgarica, 45: 239–254. **SJR: 0.243. [10 точки]** Линк
19) Krastev G., **Vacheva E.**, Naumov B. (2023): Winter activity of the snake-eyed lizard *Ophisops elegans* (Reptilia: Lacertidae) in the northwesternmost part of its range. Historia naturalis bulgarica, 45 (4): 83–88. **SJR: 0.243. [10 точки]** Линк
20) Popova S., **Vacheva E.**, Naumov B. (2023): A Contribution to the Thermal Ecology of *Lacerta agilis bosnica* Schreiber, 1912 (Reptilia: Lacertidae). Ecologia Balkanica, 15 (1): 173–180. **SJR: 0.20. [10 точки]** Линк
21) Altmanová M., Doležálková-Kaštánková M., Jablonski D., Strachinis I., Vergilov V., **Vacheva E.**, Iannucci A., Choleva L., Ráb P., Moravec J., Gvoždík V. (2024): Karyotype stasis but species-specific repetitive DNA patterns in Anguis lizards (Squamata: Anguidae), in the evolutionary framework of Anguiformes. Zoological Journal of the Linnean Society, 202 (2): zlad153. **IF: 2.8, Q1 (WoS). [25 точки]** Линк

22) Lazarkevich I., Engibarov S., Mitova S., **Vacheva E.**, Popova S., Stanchev N., Eneva R., Gocheva Y., Boyadzhieva I., Gerginova M. (2024): 16S rRNA Gene Sequencing-Based Identification and Comparative Analysis of the Fecal Microbiota of Five Syntopic Lizard Species from a Low-Mountain Area in Western Bulgaria. Applied Microbiology, 4 (1): 181–193. **SJR: 0.465. [10 точки]** Линк
23) Lazarkevich I., Engibarv S., Mitova S., Popova S., **Vacheva E.**, Stanchev, N., Eneva R., Gocheva Y., Lalovska I., Ilieva Y., Najdenski H. (2024): Pathogenic Potential of Opportunistic Gram-Negative Bacteria Isolated from the Cloacal Microbiota of Free-Living Reptile Hosts Originating from Bulgaria. Life, 14 (566): 1–12. **IF: 3.2, Q1 (WoS). [25 точки]** Линк
24) Lazarkevich I., Engibarv S., Mitova S., **Vacheva E.**, Popova S.,Stanchev N., Eneva R., Gocheva Y., Ilieva Y., Najdenski H. (2024): Diversity of the aerobic cloacal microbiota of syntopic lizard species (Reptilia: Sauria) from a low-mountain area in Western Bulgaria. Ecologica Montenegrina, 75: 119–132. **SJR: 0.357. [10 точки]** Линк
25) Lazarkevich I., Engibarv S., Mitova S., Eneva R., Paunova-Krasteva T., Borisova D., **Vacheva E.**, Popova S.,Stanchev N., Gocheva Y., Gerginova M. (2024): The Isolation, Identification and Characterization of a Wild-Type Strain *Pseudomonas aeruginosa* PM1012 from the Cloacal Microbiota of a Common Wall Lizard (*Podarcis muralis* Laurenti, 1768). Applied Microbiology, 4 (3):1396–1410. **SJR: 0.465. [10 точки]** Линк
26) Naumov B., **Vacheva E.**, Lukanov S. (2024): Diet and feeding habits of *Triturus cristatus* (Laurenti, 1768) (Amphibia: Salamandridae) in its southernmost locality. North-Western Journal of Zoology, 20 (2): 116–125. **IF: 0.6, Q3 (WoS). [15 точки]** Линк
27) Naumov B.Y., Lukanov S.P., **Vacheva E.D.**, Lazarkevich I.V. & Slavchev M.L. (2025): Phenology and Sex Ratio of *Triturus cristatus* (Laurenti, 1768) (Amphibia: Salamandridae) at its Southern Range Limit. Acta Zoologica Bulgarica, 77 (1): 71–84. **IF: 0.5, Q3 (WoS). [15 точки]** Линк
28) Naumov B., **Vacheva E.**, Borissov S., Lukanov S., Dyugmedzhiev A., Lazarkevich I. (2025): Origin of the easternmost known population of *Podarcis erhardii* (Bedriaga, 1876) (Reptilia: Sauria). North-Western Journal of Zoology, 21 (1): 43–49. **IF: 0.6, Q3 (WoS). [15 точки]** Линк
29) Popgeorgiev G., Dyugmedzhiev A., Lukanov S., **Vacheva E**., Slavchev M., Andonov K., Vergilov V. Duhalov D., Krastev K., Stojanov A., Tzankov N., Plachiyski D., Kornilev Y.V., Naumov B. (2025): Key areas for the conservation of endangered reptile species in the Kresna Gorge, south-western Bulgaria. Historia naturalis bulgarica, 47 (3): 39–47. **SJR: 0.22. [10 точки]** Линк
30) Andonov K., Dyugmedzhiev A., Lukanov S., **Vacheva E.**, Popgeorgiev G., Nedeltcheva-Antonova D., Naumov B. (2025): Behavioral effects of long-chained ketones in *Vipera ammodytes*: an experimental approach. Herpetozoa, 38: 161–171. **IF: 0.9, Q3 (WoS). [15 точки]** Линк
31) **Vacheva E.**, Naumov B. (2025): On the reproduction of *Lacerta trilineata* (Reptilia: Lacertidae) in Bulgaria. Salamandra, 61 (3): 338–342. **IF: 1.2, Q2 (WoS). [20 точки]** Линк