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Publons / Web Of Science ResearcherID: AAD-4421-2019

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Education Information

Doctorate, University of Novi Sad, Faculty of Agriculture, Department of Environmental protection, Laboratory for Medical and Veterinary Entomology, Serbia 2012 - 2018

Foreign Languages

English, C1 Advanced

Research Areas

Life Sciences, Bioinformatics, Biodiversity, Environmental Biology, Ecology, Animal Diversity, Animal Ecology, Microbial Diversity, Microbiology, Bacteriology, Mycology, Parasitology, Virology, Molecular Biology and Genetics, Genomics, Microbial Genetics, Protein Engineering, Natural Sciences

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Identification of Ochrobactrum as a bacteria with transstadial transmission and potential for application in paratransgenic control of leishmaniasis**
VASELEK S., SARAÇ B. E., Uzunkaya A. D., Yilmaz A., KARAASLAN İ. Ç., ALTEN S. B.
Parasitology Research, vol.123, no.1, 2024 (SCI-Expanded)
- II. **B cell immune response to human bocaviruses**
KARAASLAN İ. Ç., Wirz O., Tan G., Globinska A., Boonpiyathad T., Hedman K., VASELEK S., Venermo M. S., Jartti T., Akdis M., et al.
Clinical and Experimental Allergy, 2024 (SCI-Expanded)
- III. **Effect of high-volume insecticide spraying on sand fly vectors in household gardens in Spain**
Ortuño M., Muñoz-Hernández C., Risueño J., Jumakanova Z., Farinella A., Vaselek S., Bernal L. J., Sánchez-López P. F., Collantes F., Ruiz de Ybáñez R., et al.
Zoonoses and Public Health, vol.70, no.6, pp.511-522, 2023 (SCI-Expanded)
- IV. **Colonization and genetic diversification processes of Leishmania infantum in the Americas**
Schwabl P., Boité M. C., Bussotti G., Jacobs A., Andersson B., Moreira O., Freitas-Mesquita A. L., Meyer-Fernandes J. R., Telleria E. L., Traub-Csekö Y., et al.

Communications Biology, vol.4, no.1, 2021 (SCI-Expanded)

- V. **Canine leishmaniasis in Balkan – A review of occurrence and epidemiology**
VASELEK S.
Acta Tropica, vol.224, 2021 (SCI-Expanded)
- VI. **Systematic Review: Re-emergence of human leishmaniasis in the Balkans**
VASELEK S.
Tropical Medicine and International Health, vol.26, no.10, pp.1189-1199, 2021 (SCI-Expanded)
- VII. **The kinesin of the flagellum attachment zone in Leishmania is required for cell morphogenesis, cell division and virulence in the mammalian host**
Corrales R. M., VASELEK S., Neish R., Berry L., Brunet C. D., Crobu1 L., Kuk1 N., Mateos-Langerak J., Robinson D. R., Volf P., et al.
PLoS Pathogens, vol.17, no.6, 2021 (SCI-Expanded)
- VIII. **Protein methyltransferase 7 deficiency in leishmania major increases neutrophil associated pathology in murine model**
Diniz J. A., Chaves M. M., VASELEK S., Miserani Magalhães R. D., Ricci-Azevedo R., de Carvalho R. V. H., Lorenzon L. B., Ferreira T. R., Zamboni D., Walrad P. B., et al.
PLoS Neglected Tropical Diseases, vol.15, no.3, 2021 (SCI-Expanded)
- IX. **Sandfly surveillance and investigation of Leishmania spp. DNA in sandflies in Kosovo**
Vaselek S., Oguz G., Ayhan N., Ozbel Y., Kadriaj P., Cupina A., Velo E., Muja N., Baymak D., Alishani M., et al.
MEDICAL AND VETERINARY ENTOMOLOGY, vol.34, no.4, pp.394-401, 2020 (SCI-Expanded)
- X. **Sand flies (Diptera: Psychodidae) in eight Balkan countries: historical review and region-wide entomological survey**
Dvorak V., Kasap O. E., Ivovic V., Mikov O., Stefanovska J., Martinkovic F., Omeragic J., Pajovic I., Baymak D., Oguz G., et al.
PARASITES & VECTORS, vol.13, no.1, 2020 (SCI-Expanded)
- XI. **Comparative Study of Promastigote- and Amastigote-Initiated Infection of Leishmania infantum (Kinetoplastida: Trypanosomatidae) in Phlebotomus perniciosus (Diptera: Psychodidae) Conducted in Different Biosafety Level Laboratories**
VASELEK S., Prudhomme J., Myskova J., Lestinova T., Spitzova T., Bañuls A., Volf P.
Journal of Medical Entomology, vol.57, no.2, pp.601-607, 2020 (SCI-Expanded)
- XII. **Lmxm.22.0250-encoded dual specificity protein/lipid phosphatase impairs leishmania mexicana virulence in vitro**
Kraeva N., Leštinová T., Ishemgulova A., Majerová K., Butenko A., VASELEK S., Bespyatykh J., Charyyeva A., Spitzová T., Kostygov A. Y., et al.
Pathogens, vol.8, no.4, 2019 (SCI-Expanded)
- XIII. **Experimental infection of Phlebotomus perniciosus and Phlebotomus tobbi with different Leishmania tropica strains**
VASELEK S., Volf P.
International Journal for Parasitology, vol.49, no.11, pp.831-835, 2019 (SCI-Expanded)
- XIV. **A survey of sand flies (Diptera, Phlebotominae) along recurrent transit routes in Serbia**
Vaselek S., Dvorak V., Hlavackova K., Ayhan N., Halada P., Oguz G., Ivovic V., ÖZBEL Y., Charrel R. N., Alten B., et al.
ACTA TROPICA, vol.197, 2019 (SCI-Expanded)
- XV. **Species diversity, host preference and arbovirus detection of Culicoides (Diptera: Ceratopogonidae) in south-eastern Serbia**
Vasić A., Zdravković N., Anitá D., Bojkovski J., Marinov M., Mathis A., Niculaua M., Oslobanu E. L., Pavlović I., Petrić D., et al.
Parasites and Vectors, vol.12, no.1, 2019 (SCI-Expanded)
- XVI. **An update of the Culicoides (Diptera: Ceratopogonidae) checklist for the Balkans**
Pudar D., Petric D., Allene X., Alten B., Ayhan N., Cvetkovikj A., Garros C., Goletic T., GÜNAY F., Hlavackova K., et al.
PARASITES & VECTORS, vol.11, 2018 (SCI-Expanded)
- XVII. **Sand fly and Leishmania spp. survey in Vojvodina (Serbia): first detection of Leishmania infantum**

DNA in sand flies and the first record of *Phlebotomus (Transphlebotomus) mascittii* Grassi, 1908

Vaselek S., Ayhan N., Oguz G., Kasap Ö., Savic S., Di Muccio T., Gradoni L., ÖZBEL Y., Alten B., Petric D.

PARASITES & VECTORS, vol.10, 2017 (SCI-Expanded)

XVIII. Direct evidence for an expanded circulation area of the recently identified Balkan virus (Sandfly fever Naples virus species) in several countries of the Balkan archipelago

Ayhan N., Alten B., Ivovic V., Dvorak V., Martinkovic F., Omeragic J., Stefanovska J., Petric D., Vaselek S., Baymak D., et al.

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XIX. West Nile virus 'circulation' in Vojvodina, Serbia: Mosquito, bird, horse and human surveillance

Petrić D., Petrović T., Hrnjaković Cvjetković I., Zgomba M., Milošević V., Lazić G., Ignjatović Čupina A., Lupulović D., Lazić S., Dondur D., et al.

Molecular and Cellular Probes, vol.31, pp.28-36, 2017 (SCI-Expanded)

Articles Published in Other Journals

I. Evidence of West Nile virus (WNV) circulation in wild birds and WNV RNA negativity in mosquitoes of the Danube Delta Biosphere Reserve, Romania, 2016

Vasić A., Oşlobanu L. E., Marinov M., Crivei L. A., Răţoi I. A., Aniţă A., Aniţă D., Doroşencu A., Alexe V., Răileanu Ş., et al.

Tropical Medicine and Infectious Disease, vol.4, no.3, 2019 (Scopus)