

1. Arias-Robledo Gerardo, Wall Richard, **Szpila Krzysztof**, Shpeley Danny, Whitworth Terry, Stark Tariq, King Andrew, Stevens Jamie: Ecological and geographical speciation in *Lucilia bufonivora* : the evolution of amphibian obligate parasitism. International Journal for Parasitology : parasites and wildlife. Vol. 10: 2019: S. 218-230, Impact Factor ISI: 2.075. Punktacja: 100.000
2. Klisz Marcin, **Puchalka Radosław**, Wilczyński Sławomir, Kantorowicz Władysław, Jabłoński Tomasz, Kowalczyk Jan: The effect of insect defoliations and seed production on the dynamics of radial growth synchrony among Scots pine *Pinus sylvestris* L. provenances: Forests, Vol. 10 no. 10: 2019: Art. no. 934 S. 1-21, Impact Factor ISI: 2.116. Punktacja: 100.000
3. **Hrynkiewicz Katarzyna**, Patz Sascha, Ruppel Silke: *Salicornia europaea* L. as an underutilized saline-tolerant plant inhabited by endophytic diazotrophs. Journal of Advanced Research. Vol. 19: 2019: S. 49-56. Impact Factor ISI: 5.045. Punktacja: 100.000
4. **Brożyna Anna A.**, Jóźwicki Wojciech, Jetten Anton M., Slominski Andrzej T: On the relationship between VDR, ROR $\alpha$  and ROR $\gamma$  receptors expression and HIF1- $\alpha$  levels in human melanomas. Experimental Dermatology. Vol. 28 no. 9: 2019S. 1036-1043, Impact Factor ISI: 2.868. Punktacja: 100.000
5. Boyles Justin G., Levesque Danielle L., Nowack Julia, **Wojciechowski Michał S.**, Stawski Clare, Fuller Andrea, Smit Ben, Tattersall Glenn J: An oversimplification of physiological principles leads to flawed macroecological analyses. Ecology and Evolution: 2019: S. 1-6, tab Impact Factor ISI: 2.415. Punktacja: 100.000
6. Kaczmarek Beata, Nadolna Kinga, Owczarek Agata, **Michalska-Sionkowska Marta**, Sionkowska Alina: The characterization of thin films based on chitosan and tannic acid mixture for potential applications as wound dressings. Polymer Testing, Vol. 78: 2019: no. 106007 S. 1-4, Impact Factor ISI: 2.943. Punktacja: 100.000
7. **Żbikowski Janusz**, Simčič Tatjana, Pajk Franja, **Poznańska-Kakareko Małgorzata**, **Kakareko Tomasz**, **Kobak Jarosław**: Respiration rates in shallow lakes of different types : contribution of benthic microorganisms, macrophytes, plankton and macrozoobenthos. Hydrobiologia, Vol. 828 no. 1: 2019: S. 117-136, Impact Factor ISI: 2.325. Punktacja: 100.000
8. Misi Dávid, **Puchalka Radosław**, Pearson Charlotte L., Robertson Iain, **Koprowski Marcin**: Differences in the climate-growth relationship of Scots pine : a case study from Poland and Hungary.: Forests, Vol. 10 no. 3: 2019: Art. no. 243 S. 1-12, Impact Factor ISI: 2.116. Punktacja: 100.000
9. **Deja-Sikora Edyta**, Mercy Louis, Baum Christel, **Hrynkiewicz Katarzyna**: The contribution of endomycorrhiza to the performance of *Potato virus Y*-infected solanaceous plants : disease alleviation or exacerbation? Frontiers in Microbiology. Vol. 10: 2019: Art. no. 516 S. 1-9 Impact Factor ISI: 4.259. Punktacja: 100.000

10. **Gołębiewski Marcin**, Tarasek Agata, Sikora Marcin, **Deja-Sikora Edyta**, **Tretyn Andrzej**, Niklińska Maria: Rapid microbial community changes during initial stages of pine litter decomposition. *Microbial Ecology*. Vol. 77 no. 1: 2019: S. 56-75 + electronic suppl. material S. 1-3, Impact Factor ISI: 3.611. Punktacja: 100.000
11. **Deja-Sikora Edyta**, **Gołębiewski Marcin**, **Kalwasińska Agnieszka**, Krawiec Arkadiusz, Kosobucki Przemysław, **Walczak Maciej**: *Comamonadaceae* OTU as a remnant of an ancient microbial community in sulfidic waters. *Microbial Ecology* Vol. 78 no. 1: 2019: S. 85-101, Impact Factor ISI: 3.611. Punktacja: 100.000
12. **Roszek Katarzyna**, **Wujak Magdalena**: How to influence the mesenchymal stem cells fate? Emerging role of ectoenzymes metabolizing nucleotides. *Journal of Cellular Physiology*. Vol. 234 no. 1: 2019: S. 320-334. Impact Factor ISI: 4.522. Punktacja: 100.000
13. **Furtado Bliss Ursula**, **Gołębiewski Marcin**, Skorupa Monika, Hulisz Piotr, **Hryniewicz Katarzyna**: Bacterial and fungal endophytic microbiomes of *Salicornia europaea*. *Applied and Environmental Microbiology*., Vol. 85 no. 13: 2019: Art. no. e00305-19 S. 1-18, Impact Factor ISI:4.077. Punktacja: 100.000
14. **Mierek-Adamska Agnieszka**, Kotowicz Karolina, Goc Anna, **Boniecka Justyna**, Berdychowska Julia, **Dąbrowska Grażyna B.**: Potential involvement of rapeseed (*Brassica napus* L.) metallothioneins in the hydrogen peroxide-induced regulation of seed vigour. *Journal of Agronomy and Crop Science*: 2019.: S. 1-10, Impact Factor ISI: 2.960. Punktacja: 100.000
15. Prusińska Justyna, **Boniecka Justyna**, **Dąbrowska Grażyna B.**, Goc Anna: Identification and characterization of the *Ipomea nil RelA/SpoT Homologs (InRSHs)* and potential directions of their transcriptional regulation. *Plant Science*. Vol. 284: 2019: S. 161-176, Impact Factor ISI: 3.785m Punktacja: 100.000
16. **Jankowska Milena**, **Wiśniewska Justyna**, Fałtynowicz Łukasz, Lapid Bruno, **Stankiewicz Maria**: Menthol increases bendiocarb efficacy through activation of octopamine receptors and protein kinase A: *Molecules*, Vol. 24 no. 20: 2019.: Art. no. 3775 S. 1-15. Impact Factor ISI: 3.060 Punktacja: 100.000
17. **Jankowska Milena**, Lapid Bruno, Jankowski Waldemar, **Stankiewicz Maria**: The unusual action of essential oil component, menthol, in potentiating the effect of the carbamate insecticide, bendiocarb.mo *Pesticide Biochemistry and Physiology*, Vol. 158: 2019: S. 101-111. Impact Factor ISI: 2.870. Punktacja: 100.000
18. **Glazińska Paulina**, Kulasek Milena, **Glinkowski Wojciech**, Wojciechowski Waldemar: Integrated analysis of small rna, transcriptome and degradome sequencing provides new insights into floral development and abscission in yellow lupine (*Lupinus luteus* L.). *International Journal of Molecular Sciences*, Vol. 20 no. 20: 2019: Art. no. 5122 S. 1-40, Impact Factor ISI: 4.183.Punktacja: 100.000

19. **Pawlikowska Małgorzata**, Piotrowski Jakub, **Jędrzejewski Tomasz**, Kozak Wiesław, Słominski Andrzej T., **Brożyna Anna A.**: *Coriolus versicolor*-derived protein-bound polysaccharides trigger the caspase-independent cell death pathway in amelanotic but not melanotic melanoma cells. *Phytotherapy Research*: 2019: S. 1-11 Impact Factor ISI: 3.766. Punktacja: 100.000

20. **Kulus Magdalena**, Sujka-Kordowska Patrycja, Konwerska Aneta, Celichowski Piotr, Kranc Wiesława, **Kulus Jakub**, Piotrowska-Kempisty Hanna, **Antosik Paweł**, **Bukowska Dorota**, Iżycki Dariusz, Bruska Małgorzata, Zabel Maciej, Nowicki Michał, Kempisty Bartosz: New molecular markers involved in regulation of ovarian granulosa cell morphogenesis, development and differentiation during short-term primary in vitro culture-transcriptomic and histochemical study based on ovaries and individual separated follicles. *International Journal of Molecular Sciences*, Vol. 20 no. 16: 2019: Art. no. 3966 S. 1-18, Impact Factor ISI: 4.183. Punktacja: 100.000

21. Budna-Tukan Joanna, Świątły-Błaszkiwicz Agata, Celichowski Piotr, Kałużna Sandra, Konwerska Aneta, Sujka-Kordowska Patrycja, Jankowski Maurycy, **Kulus Magdalena**, Jeseta Michał, Piotrowska-Kempisty Hanna, Józkiwicz Małgorzata, **Antosik Paweł**, **Bukowska Dorota**, **Skowroński Mariusz T.**, Matysiak Jan, Nowicki Michał, Kempisty Bartosz: "Biological adhesion" is a significantly regulated molecular process during long-term primary in vitro culture of oviductal epithelial cells (Oecs) : a transcriptomic and proteomic study. *International Journal of Molecular Sciences*, Vol. 20 no. 14: 2019: Art. no. 3387 S. 1-18. Impact Factor ISI: 4.183. Punktacja: 100.000

22. **Skowroński Mariusz T.**, Młotkowska Patrycja, Tański Damian, Lepiarczyk Ewa, Kempisty Bartosz, Jaśkiwicz Łukasz, **Pareek Chandra S.**, Skowrońska Agnieszka: Pituitary hormones (FSH, LH, PRL, and GH) differentially regulate AQP5 expression in porcine ovarian follicular cells. *International Journal of Molecular Sciences*, Vol. 20 no. 19: 2019: Art. no. 4914 S. 1-14. Impact Factor ISI: 4.183. Punktacja: 100.000