

Публікації у фахових виданнях

1. Konotop Y.O., Karpets L.A., Zinchenko A.V., **Lopatko S.K.**, Kovalenko M.S., Smirnov O.E.. Influence of citrate-stabilized Cu- and Mn-nanocolloids on the growth and proliferative activity of *Allium cepa* L. apical meristems. 2019; (1):86-92.

<https://doi.org/10.15407/dopovidi2019.01.086>

2. Poyedinok, N., Mykhaylova, O., Sergiichuk, N., **Lopatko S.K.**, et al. Effect of Colloidal Metal Nanoparticles on Biomass, Polysaccharides, Flavonoids, and Melanin Accumulation in Medicinal Mushroom *Inonotus obliquus* (Ach.:Pers.) Pilát. *Appl Biochem Biotechnol* 191, 1315–1325 (2020).

<https://doi.org/10.1007/s12010-020-03281-2>

3. Boretskij V.F., Veklich A.N., Tmenova T.A., Cressault Y., Valensi F., **Lopatko S.K.**, Aftandilyants Y.G Regulation of Biological Processes with Complexions of Metals Produced by Underwater Spark Discharge. In: Fesenko O., Yatsenko L. (eds) *Nanooptics and Photonics, Nanochemistry and Nanobiotechnology, and Their Applications*. Springer Proceedings in Physics, vol 247. Springer, Cham.(2020) https://doi.org/10.1007/978-3-030-52268-1_23

Участь у конференціях

S.A. Lapshin, K.G. Lopatko, Y. G. Aftandilyants, O.V. Zazimko. Production of Nanostructured and Ultradisperse Materials by Means of Volumetric Electrospark Erosion / International Conference on “Nanomaterials: Applications & Properties” NAP-2018, 2018 IEEE 8th

<https://ieeexplore.ieee.org/Xplore/home.jsp>

Міжнародна діяльність

1. Доповідь на міжнародній екологічній конференції, за підтримки DAAD project "EcoMining: Development of Integrated PhD Program for Sustainable Mining & Environmental Activities"

https://ecology.nmu.org.ua/ua/International/ECOMNING/Agenda%20Eco-Mining%20training_workshop_040921.pdf

2. Участь у міжнародному стажуванні для PHD студентів в Німеччині.
"EcoMining: Development of Integrated PhD Program for Sustainable Mining & Environmental Activities", Sep. 20 – October 20, 2021

<https://www.youtube.com/watch?v=A7cnOUKClz0>