

List of Scientific Publications by Valeriia Chemerys on the Topic of the Dissertation

Publications in Reviewed Scientific Journals

Chemerys, V., Baltrėnaitė, E., Baltrėnas, P., Dobeles, G. (2020). Influence of H₂O₂-modification on adsorptive properties of birch-derived biochar. *Polish Journal of Environmental Studies*, 1, 1-10. (Clarivate Analytics Web of Science) [IF=1.186].

Leonavičienė, T., Čiegis, R., Baltrėnaitė, E. and Chemerys, V. (2019). Numerical analysis of liquid-solid adsorption model. *Mathematical Modelling and Analysis*, 24(4), 598-616. (Clarivate Analytics Web of Science) [IF=1.038].

Chemerys, V., & Baltrėnaitė, E. (2018). Influence of Intrinsic Properties of Lignocellulosic Feedstock on Adsorptive Properties of Biochar. *Journal of Environmental Engineering*, 144(9), 04018075-1-04018075-11. (Clarivate Analytics Web of Science) [IF=1.657].

Chemerys, V., & Baltrėnaitė, E. (2018). A review of lignocellulosic biochar modification towards enhanced biochar selectivity and adsorption capacity of potentially toxic elements. *Ukrainian Journal of Ecology*, 8(1), 21-32. (Clarivate Analytics Web of Science).

Publications in Other Editions

Chemerys, V., & Baltrėnaitė, E. (2017). Effect of modification with FeCl₃ and MgCl₂ on adsorption characteristics of woody biochar. Conference proceedings of the 10th International Conference „Environmental Engineering“, that took place on the 27-28 April, Vilnius, 1-8.

Chemerys, V., & Baltrėnaitė, E. (2017). Pine-derived biochar as option for removal of metals and decreasing of BOD₅ in landfill leachate. Presentation at the 20th conference of young scientists „Science – Future of Lithuania“, that took place on the 20 March, Vilnius, 406-412.

Chemerys, V., & Baltrėnaitė, E. (2016). Modified biochar: a review on modifications of biochar towards its enhanced adsorptive properties. Presentation at the 19th conference of young scientists „Science – Future of Lithuania“, that took place on the 7 April, Vilnius, 19-25.

Patent

Baltrėnas, P., Baltrėnaitė, E., Chemerys, V. Bioanglies modifikavimo H₂O₂ vandeniniu tirpalu įrenginys ir būdas. Vilnius: Lietuvos respublikos valstybinis patentų biuras, 8 p. (in Lithuanian)

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