

LISTA DE PUBLICAȚII

Contribuții privind activitatea biologică a unor extracte naturale obținute din matrici vegetale lignocelulozice

Conducator doctorat: Daniela-Lucia Muntean

Doctorand: Coșarcă Sanda-Liliana

1. **Coșarcă SL**, Moaca EA, Tanase C, Muntean DL, Pavel IZ, Dehelean CA. Spruce and beech bark aqueous extracts: source of polyphenols, tannins and antioxidants correlated to in vitro antitumor potential on two different cell lines. *Wood Science and Technology* 2019, 53:313-333. doi: 10.1007/s00226-018-10715
2. **Sanda Coșarcă**, Corneliu Tanase, Daniela Lucia Muntean, Therapeutic aspects of catechin and its derivatives - un update, *Acta Biologica Marisiensis* 2019; vol 2 (1); 21-29.
3. Tanase C, Mocan A, **Coșarcă S**, Gavan A, Nicolescu A, Gheldiu AM, Vodnar DC, Muntean DL, Crisan O. Biological and Chemical Insights of Beech (*Fagus sylvatica* L.) Bark: A Source of Bioactive Compounds with Functional Properties. *Antioxidants* 2019; 417: 8-14. doi: 10.3390/antiox8090417
4. Tanase C, **Coșarcă S**, Muntean DL. A Critical Review of Phenolic Compounds Extracted from the Bark of Woody Vascular Plants and Their Potential Biological Activity. *Molecules* 2019; 24,1182: 1-18. doi: 10.3390/molecules24061182
5. Tanase C, Domokos E, **Coșarcă S**, Miklos A, Imre S, Domokos J, Dehelean CA. Study of the Ultrasound-assisted Extraction of Polyphenols from Beech (*Fagus sylvatica* L.) Bark. *BioResources* 2018; 13(2): 2247-2267. doi: 10.15376/biores.13.2.2247-2267
6. Tanase C, **Coșarcă S**, Toma F, Mare A, Cosarca A, Man A, Miklos A, Imre S. Antibacterial Activities of Spruce Bark (*Picea abies* L.) Extract and Its Components Against Human Pathogens, *Revista de Chimie* 2018, 69(6), p:1462-1467. doi: 10.3358/RC.18.6.6347
7. Tanase C, **Coșarcă S**, Toma F, Mare A, Man A, Miklos A, Imre S, Boz I. Antibacterial Activities Of Beech Bark (*Fagus sylvatica* L.) POLYPHENOLIC EXTRACT, *Environmental Engineering and Management Journal* 2018, 17(4):877-884. doi: 10.30638/eemj.2018.088