

LISTĂ DE LUCRĂRI

1. Articole științifice publicate *in extenso* în reviste cotate *Web of Science* cu factor de impact

- **Mihalache G.**, Balaes T., Gostin I., Stefan M., Coutte F., Krier F. (2018), Lipopeptides produced by *Bacillus subtilis* as new biocontrol agents against fusariosis in ornamental plants. *Environmental Science and Pollution Research* 25(30): 29784-29793. (IF 2,8)
- Babii C., **Mihalache G.**, Bahrin LG, Neagu A-N, Gostin I., Mihai CT, Sârbu LG, Birsa LM, Stefan M. (2018) A novel synthetic flavonoid with potent antibacterial properties: *In vitro* activity and proposed mode of action. *PLoS ONE* 13(4): e0194898. (IF 2,766)
- **Mihalache G.**, Mihasan M., Zamfirache M.M., Stefan M., Raus L. (2017) Phosphate solubilizing bacteria from runner bean rhizosphere and their mechanism of action. *Romanian Biotechnological Letters* DOI:10.26327/RBL2017.60. (IF 0,404)
- **Mihalache G.**, Zamfirache M.M., Hamburda S., Stoleru V., Munteanu N., Stefan M. (2016) Synergistic effect of *Pseudomonas lini* and *Bacillus pumilus* on runner bean growth enhancement. *Environmental Engineering and Management Journal* 15(8):1823-1831. (IF 1,334)
- **Mihalache G.**, Zamfirache M.M., Mihasan M., Ivanov I., Stefan M., Raus L. (2015) Phosphate-solubilizing bacteria associated with runner bean rhizosphere, *Archives of Biological Sciences* 67(3): 793-800. (IF 0,648)

2. Articole științifice publicate *in extenso* în reviste indexate BDI

- **Mihalache G.**, Zamfirache M.M., Stefan M. (2015) Root associated bacteria– friends or enemies? A review, *Memoirs of the Scientific Sections of the Romanian Academy*, Tome XXXVIII, 27-54.
- **Mihalache G.**, Munteanu N., Dunca S., Mihășan M., Ștefan M. (2012) Phosphate-solubilising rhizobacteria associated with *Phaseolus coccineus* L. rhizosphere. *Analele Științifice ale Universității „Alexandru Ioan Cuza”, Secțiunea Genetică și Biologie Moleculară*, Tome XIII, 65-69.

3. Articole științifice publicate *in extenso* în volumele conferințelor internaționale indexate ISI *Web of Science*

- **Mihalache G.**, Stefan M., Babii C., Motei D., Mihășan M. (2016) Steps towards *Arthrobacter nicotinovorans* based biotechnology for production of 6-hidroxy- nicotine, 16th International Multidisciplinary Scientific Geo Conferences SGEM2016, *Advances in Biotechnology*, 341-346.

4. Abstracte publicate în volumele conferințelor internaționale cotate ISI *Web of Science*

- **Mihalache G.**, Stoleru V., Zamfirache M. M., Ștefan M. (2015) The effects of PGPR on the growth and yield of runner bean plants. *Journal of Biotechnology* 208: S66. (IF = 2,533)