

## Selected Publications by Ioan Sărac, PhD (June 2017)

1. Studies Regarding the Use of Ash from Pyrolysis Rubber as an Amendment to Soils Used to Cover Waste Dumps, with Phalaris Arundinacea, By: Negrea, Adina; Ciopec, Mihaela; Negrea, Petru; **SARAC, IOAN**; et al. REVISTA DE CHIMIE, Volume: 67, Issue: 11, Pages: 2164-2169, Published: NOV 2016, **IF(2016): 1.232**
2. Antifungal Activity and Chemical Composition of Origanum Vulgare L. Essential Oil, By: Rus, Cristian Florin; Alexa, Ersilia; Sumalan, Renata M.; **SARAC, IOAN**; et al. REVISTA DE CHIMIE, Volume: 67, Issue: 11, Pages: 2287-2290, Published: NOV 2016
3. Studies Concerning Disposal Radionuclides by Adsorption Rabbit Bone Meal, By: Pentea, Marius; Sarac, Ionut; Samfira, Ionel; et al. REVISTA DE CHIMIE, Volume: 67, Issue: 5, Pages: 967-970, Published: MAY 2016 **IF(2016): 1.232**
4. Approach for Analyse Stability of Lutein from Tropaeolum majus, By: Butnariu, Monica; **SARAC, IOAN**; Pentea, Marius; et al. REVISTA DE CHIMIE, Volume: 67, Issue: 3, Pages: 503-506, Published: MAR 2016, Times Cited: [3](#) (from Web of Science Core Collection) **IF(2016): 1.232**
5. THE STUDY OF INFRARED SPECTRUM OF CHITIN AND CHITOSAN EXTRACT AS POTENTIAL SOURCES OF BIOMASS, By: Negrea, P.; Caunii, A.; **SARAC, IOAN**; et al. DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES , Volume: 10, Issue: 4, Pages: 1129-1138, Published: OCT-DEC 2015, Times Cited: [3](#), (from Web of Science Core Collection)
6. Remediation of Rare Earth Element Pollutants by Sorption Process Using Organic Natural Sorbents, By: Butnariu, Monica; Negrea, Petru; Lupa, Lavinia; **SARAC, IOAN**; et al. INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, Volume: 12, Issue: 9, Pages: 11278-11287, Published: SEP 2015, Times Cited: [4](#) (from Web of Science Core Collection), (**Quartile in Category-Q2**).
7. Possibilities of propagation through cuttings on some "Hibiscus rosa sinensis" varieties, By: Dellin, Ana Maria; Bala, Maria; **SARAC, IOAN**; et al. Conference: European Biotechnology Congress Location: Bucharest, ROMANIA Date: MAY 07-09, 2015, JOURNAL OF BIOTECHNOLOGY, Volume: 208, Supplement: S, Pages: S106-S106, Published: AUG 20 2015
8. Principal component analysis (PCA) that determines the food value of tomato fruits grown in greenhouse, By: Tota, Cristina Elena; Bala, Maria; **SARAC, IOAN**; et al. Conference: European Biotechnology Congress Location: Bucharest, ROMANIA Date: MAY 07-09, 2015, JOURNAL OF BIOTECHNOLOGY, Volume: 208, Supplement: S, Pages: S106-S106, Published: AUG 20 2015
9. Allelopathic effects of Pteridium aquilinum alcoholic extract on seed germination and seedling growth of Poa pratensis, By: Butnariu, M.; Samfira, I.; **SARAC, IOAN**; et al. ALLELOPATHY JOURNAL, Volume: 35, Issue: 2, Pages: 227-236 , Published: APR 2015, Times Cited: [3](#) (from Web of Science Core Collection), (**Quartile in Category-Q2**)
10. Soils from geobotanical reservation Scarita-Belioara, By: Pacurar, I; Blaga, G; Dirja, M; **SARAC, IOAN**; et al. Edited by: Marghitas, LA, Conference: Symposium on Prospects of the 3rd Millennium Agriculture Location: Cluj Napoca, ROMANIA Date: OCT 20-23, 2004, Sponsor(s): Univ Agr Sci & Vet Med, Bulletin of the University of Agricultural Sciences and Veterinary Medicine, Vol 60: AGRICULTURE Book Series: BULETINUL UNIVERSITATII DE STIINTE AGRICOLE SI MEDICINA VETERINARIA CLUJ-NAPOCA SER AGRICULTURA SERIES Volume: 60 Pages: 423-423 Published: 2004