

ACADEMY OF ROMANIAN SCIENTISTS

ANNALS Series on Physics and Chemistry Sciences



CONTENTS

1. Mihaela ROŞCA, Elena-Diana COMĂNIŢĂ UNGUREANU, Raluca-Maria HLIHOR, Mariana DIACONU, Petronela COZMA, Maria GAVRILESCU
Influence of Heavy Metals Phytotoxicity on Seed Germination and Plants Growth 7
2. Alexandra AVRAM, Gheorghe TOMOAI, Aurora MOCANU, Maria TOMOAI-COTISEL
Gold Nanoparticles and Chemotherapeutic Agents 23
3. Radu NARTITA, Mariana PRODANA, Daniela IONITA
Selenium Analysis: A Review 65
4. Carmen Elena ŢEBRENCU, Oana Teodora CIUPERCĂ, Elena IONESCU
New Sources of Condensed tannins - Investigation of Branches of Same Schrub Species through HPTLC Analysis 83
5. Tania VRÂNCEANU, Elena-Diana COMĂNIŢĂ UNGUREANU, Ersilia LAZĂR COŞBUC, Petronela COZMA, Daniela Ionela TUDORACHE, Dan-Alexandru GAVRILESCU, Maria GAVRILESCU
Sustainable Alternatives for Hazardous Waste Management 93
6. Geanina Silvana BANU, Nicolae COSTACHE, Anton FICAI
Considerations about Non-Psychotropic Cannabinoids and Their Potential Applications 109

Copyright © Editura Academiei Oamenilor de Ştiinţă din România, 2020

ACADEMY OF ROMANIAN SCIENTISTS



ANNALS

Series on PHYSICS AND CHEMISTRY SCIENCES

VOLUME 5

2020

NUMBER 2

ONLINE ISSN 2559-1061

TOPICS:

- Astrophysics
- Atomic and molecular physics
- Biophysics & medical physics
- Computational physics
- Condensed matter physics
- Environmental & earth physics
- Mathematical and general physics
- Nuclear physics. Particle physics
- Nuclear reactors physics – waste management
- Photonics & quantum electronics
- Physics methods & instrumentation
- Plasma physics
- Analytical chemistry
- Chemistry education
- Computational chemistry
- Environmental chemistry
- Industrial & engineering chemistry
- Inorganic chemistry
- New materials
- Organic chemistry
- Physical chemistry
- Polymer/biopolymer chemistry
- Quantum chemistry
- Supramolecular chemistry

Editura

ACADEMIEI OAMENILOR DE ŞTIINŢĂ DIN ROMÂNIA
Bucureşti, 2020