

## LISTA CĂRȚI ȘI CAPITOLE DE CARTE

Alina Catrinel Ion

### a. Cărți

1. I.Ion, C.Modrogan, O.D.Orbulet, C.Bobirica, L.Bobirica, A.C.Ion, “ Metode de separare aplicate in analiza unor probe de mediu si produse alimentare”, Editura POLITEHNICA Press, Bucuresti 2020, 98 pagini, ISBN 978-606-515-913-6
2. I. Ion, A.C. Ion, D.N. Stefan, “Analiza instrumentala. Aplicatii”, Editura Printech 2007, ISBN 978-973-718-678-2, 166 pagini
3. I.Ion, A.C. Ion, A. Ficai, “ Probleme de chimie analitică “, Editura Printech 2005, ISBN 973-718-394-0, 321 pagini
4. I. Ion, A.C.Ion, A.Ficai, “*Probleme de chimie analitica*“, Editura Cartea Universitara, Bucuresti, 2003, 320 pagini, ISBN 973-7956-11-7
5. E.Diacu, **A.C.Ion**, “*Quantitative Chemical Analysis*”, Editura Printech, București **2002**(169 pagini, ISBN 973-652-551-1)
6. A.C.Ion, I.Ion, E.Diacu, “*Metode electrochimice de analiză*,”, Editura Printech 2002 (164 pagini, ISBN 973-652- 570 – 1
7. I.Ion, A.C.Ion, “*Chimie Analitică (Vol.1. Echilibre chimice)*”, Editura Printech București, 1999 , 151 pagini, ISBN 973-652-032-3).
8. A.C.Ion, I. Ion, “ *Chimie Analitică și Analiză instrumentală. Metode de separare* “, Editura Printech, București, 1999 , 121 pagini, ISBN 973-652-033-1).

### b. Capitole de carte

- 1.A.C. Ion, G.R. Ivan, I.Ion, “Treatment techniques for organic micropollutants removal from waters” , Series in Micro and Nanoengineering , Nanomaterials-functional properties and applications , 2020, vol.28, 118-134, ISBN 978-973-27-3290-8, Editura Academiei Romane, Editori: Maria Zaharescu,Alina Catrinel Ion, Marius Enachescu, Dan Dascalu
2. I. Ion, A. Culetu, D. Gherase, F. Sarbu, A.C. Ion, “Environmental applications of carbon based nanomaterials II” in seria “Micro and Nanoengineering vol. 22, “Noi aplicatii ale unor nanomateriale”, Eds. Alina Catrinel Ion, Dan Dascalu, Gabriela Carja, Ed. Academiei Romane, Bucuresti 2014, p. 33-51, ISBN 978-973-27-2311-1
3. A.C. Ion, I. Ion, A. Culetu, “Carbon-based nanomaterials. Environmental applications ”, in serie in Micro and Nanoengineering, vol. 19, “Nanomaterials and nanostructures for various applications”, Eds. Gh. Brezeanu, H. Iovu, C. Cobianu, D. Dascalu, Ed. Academiei Romane, Bucuresti 2012, p. 31-57, ISBN 978-973-27-2169-8

4. A. C. Ion, I. Ion, A. Culetu, "Detection and analysis of natural nanoparticles as environmental nanovectors for contaminants in soils", in Series in Micro and Nanoengineering, vol. 16, "Nanostructuring and nanocharacterization", Eds. M. Zaharescu, M. Ciurea, I. Kleps, D. Dascalu, Ed. Academiei Romane, Bucuresti, 2010, p. 37-62, ISBN 978-973-27-1905-3.

5. A. C. Ion, I. Ion, A. Ficai, D.N. Stefan, "Environmental analytical chemistry. Applications of nanosensors. Chemically modified electrode for NO<sub>2</sub>- determination in environmental application", Series in Micro and Nanoengineering, vol. 11, "Progress in nanoscience and nanotechnologies, Eds. I. Kleps, A.C. Ion, D. Dascalu, Ed. Academiei Romane, Bucuresti, 2007, p. 231-239, ISBN 978-973-27-1576-5