

LISTA DE LUCRARI 1

TEZA DE DOCTORAT: *Stocarea hidrogenului în hidruri metalice* (Domeniul: Chimie-fizica aplicata si electrochimie, conducator: Prof. Dr. Aurelia MEGHEA);

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2. Meghea, R. Mihalache, **Gh. Bumbac**, I. Constantinescu, *Competitive adsorption of p-nitrophenol and o-cresol from aqueous solutions on activated carbon*, *Science and Technology of Environment Protection*, no. 1, 10-17, 1994;
3. **G. Bumbac**, G., Bozga, V. Plesu, V. Bologa, *A comparative study between the classical reaction – separation system and the reactive distillation column*, *Revue Roumanie de Chemie*, 12, 2001, ISSN : 0035-3930, IF:0.311;
4. V. Plesu, **G. Bumbac**, P. Iancu, I. Ivanescu, D.C. Popescu, *Thermal Coupling between Crude Distillation and Delayed Coking Units*, *Appl. Therm. Engng.*, 23, pp.1857-1869, 2003, ISSN: 1359-4311, IF=2.064.
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8. **Bumbac, G.** Ciornei C., Turcu A.T., Muntean O., *New solution for thermal coupling between a crude distillation unit and a fluid catalytic cracking unit*, *Revue Roumaine de Chimie*, 2008, 53(8), 635–641, ISSN: 0035-3930.IF:0.284
9. **G. Bumbac***, A. M. Dumitrescu, *Process Modelling and Simulation for 1-Butanol Removing from, Fermentation Broth by Extraction with Oleyl Alcohol*, *REV. CHIM.* (Bucharest) ♦ 63 ♦ No. 7 ♦ 2012, pag 727 – 729: ISSN 0034-7752IF:0.538
10. Tuluc A., Iancu P., Plesu V., Bonet-Ruiz Bozga G., **Bumbac G.**, *Biodiesel Plant Optimisation Study by using Aspen-HYSYS® Process Simulator*, *REV. CHIM.* (Bucharest), 66, No. 4, 2015, p. 565. ISSN 0034-7752 IF:0.81
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14. Banu I., Stoica I., **Bumbac G.**, Bozga Gr., *Modeling of the unsteady state methanol synthesis at the level of catalyst pellet*", *REV.CHIM.*(Bucharest), 68, No. 6, 2017;