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## LISTA DE LUCRĂRI

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1. - "Carbonic anhydrase inhibitors - Part 49: Synthesis of substituted ureido and thioureido derivatives of aromatic/heterocyclic sulfonamides with increased affinities for isozyme I"  
C. T. SUPURAN, A. SCOZZAFAVA, B. C. JURCA and M. A. ILIEȘ  
*Eur. J. Med. Chem.*, 33, (2), (1998) 83-93.
2. - "UV-laser photoisomerization of fumaryl chloride. The first identification of maleoyl chloride: Matrix isolation, infrared and ab initio studies."  
N. PIETRI, B. JURCA, M. MONNIER, M. HILLEBRAND and J.P. AYCARD  
*Spectroch. Acta* 56, (1), (2000) 157-165
3. - "Thermal and kinetic studies on the stability of some thioureido-sulfonamide derivatives"  
B. JURCA, I. SĂLĂGEANU and E. SEGAL  
*J. Therm. Anal. Cal.* 62, (3), (2000) 845-858
4. - "Thermal and kinetic studies on the stability of some ureido-sulfonamide derivatives"  
B. JURCA, I. SĂLĂGEANU and E. SEGAL  
*J. Therm. Anal. Cal.* 62, (1), (2000) 859-872
5. - "Thermal and kinetic studies on the stability of some sulfonamido compounds"  
B. JURCA, I. SĂLĂGEANU and E. SEGAL  
*Rev. Roum. Chim.* 47, (3-4), (2002) 263-271
6. - "Synthesis of complex sulfides nanoparticles from complexes of cadmium and iron"  
A. DUMBRAVĂ, V. CIUPINĂ, B. JURCA and G. PRODAN  
*Advances in Micro- and Nanoengineering* 6, 80-88 (2004)
7. - "Electronic self-doping of Mo-states in  $A_2FeMoO_6$  (A=Ca, Sr and Ba) half-metallic ferromagnets: A nuclear magnetic resonance study"  
M. WOJCIK, E. JEDRYKA, S. NADOLSKI, D. RUBI, C. FRONTERA, J. FONTCUBERTA, B. JURCA, N. DRAGOE and P. BERTHET  
*Phys. Rev. B.*, 71, 104410: 1-8 (2005)
8. - "Nanoparticles of zinc compounds obtained by thermooxidative degradation"  
A. DUMBRAVĂ, B. JURCA, V. CIUPINĂ, E. SEGAL and M. BREZEANU  
*J. Thermal. Anal. Cal.*, 79, 509-514 (2005)
9. - "Synthesis of cadmium complex sulfides nanoparticles by thermal decomposition"  
A. DUMBRAVĂ, V. CIUPINĂ, B. JURCA, G. PRODAN, E. SEGAL and M. BREZEANU  
*J. Thermal. Anal. Cal.*, 81, 399-405 (2005)