

Listă publicații Rătoi Simona

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1. Gabriela Carja, Simona Rătoi, Gabriela Ciobanu, Ion Balasanian, Uptake of As(V) from aqueous solution by anionic clays type FeLDHs. Desalination, 2008, (223) 243-248, Elsevier Press, (IF=3.041).
2. Gabriela Carjă, Simona Rătoi, Gabriela Ciobanu, Ion Balasanian, Glucose oxidase– vanadium substituted anionic clay as bionanocomposite formulations for biosensors applications, Environmental Engineering and Management Journal, 2009, 8(1) pp. 55-58. (IF=1.117)
3. Simona Nichitus, Gabriela Calin, Alexandra Burlui, Vasile Burlui, Layered double hydroxides (LDHs) type materials used in waters treatment, accepted in Key Engineering Materials - proceeding, 2015. (IF=0,81)
4. L. D. DUCEAC, C. E. DOBRE, I. PAVALEANU, G. CALIN, S. NICHITUS, D. DAMIR, Diseases prevention by water defluoridation using hydrotalcites as decontaminant materials, Revista de Chimie, vol. 1, 2017. (IF=0,81)
5. V. CHIRIAC, D. N. STRATULAT, G. CALIN, S. NICHITUS, V. BURLUII, C. STADOLEANU, M. POPA, I. M. POPA, Antimicrobial property of zinc based nanoparticles, Materials Science and Engineering 133 (2016).
6. MIHAI GLOD, DANIELA DAMIR, SIMONA NICHITUS, LETITIA DOINA DUCEAC, DRAGOS LUCIAN GORGAN, GABRIELA CALIN, MADALINA IRINA CIUHODARU, ZnO and TiO₂ nanoparticles genotoxicity according to their structural and morphological characteristics used for medical purposes, in press Revista de Chimie, vol. 69, nr.3/2018.

Cărți/ Capitole cărți

1. Simona Nichitus, Gabriela Calin, Alexandru Buga, Gabriela Carja, Adsorptive properties of LDHs type materials, in cartea Current topics, concepts and research priorities in environmental chemistry (IV), 2015

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1. Gabriela Carja, Simona Rățoi, Gabriela Ciobanu, Ion Balasanian, A SEM study of the textural properties of the hybrid materials: hydrotalcite like anionic clays-Gentamicin, Buletinul Institutului Politehnic din Iasi, 2007, Secia: tiina i Ingineria Materialelor, Tomul LIII (LVII), Fasc. 3, 139-144.
2. Gabriela Ciobanu, Dorina Ignat, Simona Rățoi, Gabriela Carjă, Constantin Luca, The Zinc-Modified Forms of Zeolites by Wet Impregnation Method, Buletinul Institutului Politehnic Timioara vol. 53 (67), Issue 1-2, 2008.
3. Gabriela Carjă, Simona Rățoi, Gabriela Ciobanu, Sofronia Dranca, Gabriela Lehuu, The Micromorphology Characteristics of Hibrid Materials Type Layered Double Hydroxides – Antibiotics Studied by SEM Analysis, 2008, Buletinul Institutului Politehnic Timioara vol. 53 (67), Issue 1-2, 2008.
4. Gabriela MIHALACHE, Laura Ecaterina DARTU, Oana Maria DARABA, Adina BIRGAOANU, Roxana DASCALESCU, Simona NICHITUS, Elena FOLESCU, Zn AND Mg NANOTUBES FOR POSSIBLE MEDICAL APPLICATIONS, International Journal Medical Dentistry, ISSN 2066-6063, pp. 260-264, 2014