

LISTA LUCR RILOR ELABORATE I PUBLICATE

TEZA DE DOCTORAT	
<p>1. MATULEA Nicoleta (PLATON), 2010 „<i>Prepararea, caracterizarea i testarea argilelor modificate chimic cu aplica ii în tratarea apelor poluate</i>”, Coordonator tiin ific Prof.dr.ing. SIMINICEANU Ilie, Universitatea Tehnic „Gheorghe Asachi” din Ia i, Facultatea de Inginerie Chimic i Protec ia Mediului.</p> <p>Diploma de Doctor în domeniul Inginerie Chimic s-a ob inut în urma sus inerii publice, care a avut loc la Universitatea Tehnic „Gheorghe Asachi” din Ia i în data de 30.09.2010 i în baza Ordinului Ministrului Educa iei, Cercet rii, Tineretului i Sportului, nr. 4387 din 06.06.2011.</p>	

C R I	
Note de curs pentru uzul studen ilor i Îndrumare de laborator	
1.	<p>PLATON N., NISTOR I.D., BÎRC A. <i>Tehnologii generale în industria alimentară – Note de curs</i>, Editura Alma Mater, (Cod CNCNIS 14), Bac u, ISBN 978-606-527-301-6. 158 p., 2013</p>
2.	<p>RO U A.M., PLATON. N., <i>Chimia alimentelor – Tehnici de laborator</i>, Editura Alma Mater (Cod CNCNIS 14), Bac u, ISBN 978-606-527-311-5, 108 p., 2013.</p>

ARTICOLE / STUDII PUBLICATE ÎN REVISTE DE SPECIALITATE I VOLUME ALE UNOR MANIFEST RI TIIN IFICE / ARTICOLE PUBLICATE ÎN REVISTE INDEXATE ISI	
1.	<p>AZZOUZ A, ARU V.A., PLATON N, GHOMARI K, NISTOR., CHIEH S. T., ROY R., <i>Polyol-modified layered double hydroxides with attenuated basicity for a truly reversible capture of CO₂</i>, <i>Journal - Adsorption, (Springer US)</i>, online ISSN 1572-8757, print ISSN 0929-5607, February 2013.</p> <p>Revist indexat ISI conform: http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=0929-5607 F.I. 1,553 conform: http://www.springer.com/chemistry/industrial+chemistry+and+chemical+engineering/journal/10450</p>
2.	<p>AZZOUZ A, PLATON N, NOUSIR S, GHOMARI K, NISTOR D, CHIEH S. T., ROY R., <i>OH - enriched organo-montmorillonites for potential applications in carbon dioxide separation and concentration</i>, <i>Journal Separation and Purification Technology</i>, vol. 108, p. 181–188, ISSN: 1383-5866 April, 2013.</p> <p>Revist indexat ISI conform: http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=1383-5866 F.I. 2,894 conform: http://www.journals.elsevier.com/separation-and-purification-technology</p>
3.	<p>NOUSIR S., PLATON N., GHOMARI K., SERGENTU A.S., CHIEH S., HERSANT G., BERGERON J-Y., ROY R., AZZOUZ A, <i>Correlation between the hydrophilic character and affinity towards carbon dioxide of montmorillonite -supported polyalcohols</i>, <i>Journal of Colloid and Interface Science</i>, vol. 402, p.215 – 222, ISSN: 0021-9797, July 2013.</p> <p>Revist indexat ISI conform: http://science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=0021-9797 F.I. 3,172 conform: http://www.journals.elsevier.com/journal-of-colloid-and-interface-science</p>

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4.	<p>AZZOUZ A., NOUSIR S., PLATON N., GHOMARI K., CHIEH S.T., HERSANT G., BERGERON J-Y., ROY R., <i>Truly reversible capture of CO₂ by montmorillonite intercalated with soya oil-derived polyglycerols</i>, International Journal of Greenhouse Gas Control, vol. 17, p. 140–147, ISSN: 1750-5836, September, 2013.</p> <p>Revist indexat ISI conform: http://ip-science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=%201750-5836 F.I. 3,944 conform: http://www.journals.elsevier.com/international-journal-of-greenhouse-gas-control</p>
5.	<p>AZZOUZ A, NOUSIR S, PLATON N, GHOMARI K, HERSANT G., BERGERON J-Y., CHIEH S., REJ R., ROY R., <i>Preparation and characterization of hydrophilic organo-montmorillonites through incorporation of non-ionic polyglycerol dendrimers derived from soybean oil</i>, Materials Research Bulletin, vol. 48, Issue 9, p. 3466 – 3473, ISSN: 0025-5408, September 2013.</p> <p>Revist indexat ISI conform: http://ip-science.thomsonreuters.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER&ISSN=0025-5408 F.I. 1,913 conform: http://www.journals.elsevier.com/materials-research-bulletin</p>
6.	<p>PLATON N, SIMINICEANU I, NISTOR I D, MIRON N D, MUNTIANU G, MARES A M, <i>Fe - pillared clay as an efficient Fenton-like heterogeneous catalyst for phenol degradation</i>, Revista de chimie, vol. 62, Nr. 6, p. 676-679, ISSN: 0034-7752, 2011.</p> <p>Revist indexat ISI cu F.I. 0,599 conform: http://uefiscdi.gov.ro/userfiles/file/CENAPOSS/rev_rom_isi_30_iulie_2013_factori.pdf</p>
7.	<p>PLATON N., SIMINICEANU I., NISTOR I.D., MIRON N.D., MUNTIANU G, ZAVADA R M, ISOPENCU G, NISTOR I D, <i>Preparation and characterization of new products obtained by pillaring process</i>, Revista de chimie, vol. 62, Nr. 8 p. 799-805, ISSN: 0034-7752, 2011.</p> <p>Revist indexat ISI cu F.I. 0,599 conform: http://uefiscdi.gov.ro/userfiles/file/CENAPOSS/rev_rom_isi_30_iulie_2013_factori.pdf</p>
ARTICOLE PUBLICATE ÎN REVISTE INDEXATE BDI	
1.	<p>PLATON N., A.M. RO U, V.A. ARU , D.I. NISTOR, I. SIMINICEANU, <i>Chemically modified clays used for environmental quality</i>, Journal of Engineering Studies and Research, Bac u, 2013 (în curs de apari ie).</p> <p>Revist recunoscut CNCISIS categoria BDI (4 baze de date) conform: http://pubs.ub.ro/?pg=revues&rev=jesr&sc=about; http://www.cncsis.ro/</p>
2.	<p>RO U A.M., PLATON N., V.A. ARU , N.D. MIRON, I.D., NISTOR, G. BRABIE. <i>Experimental study regarding mechanical properties of FeP -05-MB sheet steels submitted to corosive mediums</i>, Journal of Engineering Studies and Research, Bac u, 2013 (în curs de apari ie).</p> <p>Revist recunoscut CNCISIS categoria BDI (4 baze de date) conform: http://pubs.ub.ro/?pg=revues&rev=jesr&sc=about; http://www.cncsis.ro/</p>
3.	<p>MUNTIANU G., PLATON N., ROSU A. M., JINESCU G., <i>Hydrodynamic study of clay particles in fluidized bed</i>, Journal of Engineering Studies and Research, Bac u, 2013 (în curs de apari ie).</p> <p>Revist recunoscut CNCISIS categoria BDI (4 baze de date) conform: http://pubs.ub.ro/?pg=revues&rev=jesr&sc=about; http://www.cncsis.ro/</p>
4.	<p>ARUS V.A., NISTOR I.D., MIRON, I.D., ROSU A. M., PLATON N., MUNTIANU G., <i>Preparation and characterization of anionic clays with different molar ratios Mg/Al</i> Journal of Engineering Studies and Research, Bac u, 2013 (în curs de apari ie).</p> <p>Revist recunoscut CNCISIS categoria BDI (4 baze de date) conform: http://pubs.ub.ro/?pg=revues&rev=jesr&sc=about; http://www.cncsis.ro/</p>

5.	<p>MUNTIANU G, PLATON N, JINESCU G, SIMINICEANU I, MARDARU A, ZAVADA R.M, MIRON D.N, NISTOR I D, <i>Preparation and characterization of nanostructured materials used for the retention of gaseous pollutants</i>, Annals of “Dunarea de Jos” University of Galati, Fascicle II, Anul III (XXXIV), p. 115-122, ISSN 2067-2071, 2011.</p> <p>Revist recunoscut CNCISIS categoria BDI (9 baze de date) conform: http://www.phys.ugal.ro/Annals_Fascicle_2/Abstracting/Abstracting_Indexing.htm</p>
6.	<p>PLATON N., SIMINICEANU I., NISTOR I.D., MIRON N.D. <i>Comparative study on nanomaterials characteristics obtained from raw montmorillonite clay and purified montmorillonite clay</i>, The annals of the „Dun rea de Jos” Universitatea Gala i , Fascicle II, Mathematics, physics, chemistry, informatics, year III (XXXII), p.151-156, ISSN 2067-2071, 2009.</p> <p>Revist recunoscut CNCISIS categoria BDI (9 baze de date) conform: http://www.phys.ugal.ro/Annals_Fascicle_2/Abstracting/Abstracting_Indexing.htm</p>
7.	<p>PLATON N. , SIMINICEANU I., NISTOR D.I., MIRON N.D. <i>The procurance and the use of clays chemically modified in decontamination processes</i>. Modelling and optimisation in the machines building field Vol I, Editura Alma Mater, p. 247-250, ISSN1224-7480, 2007.</p> <p>Revist recunoscut CNCISIS categoria BDI (4 baze de date) conform: http://pubs.ub.ro/?pg=revues&rev=jesr&sc=about;</p>
8.	<p>SIMINCEANU I., PLATON N., URSU A.V., NISTOR I.D., MIRON N.D. – <i>Influence de l’ajoutage de lecithine sur certaines proprietes de la margarine</i>, Scientific STUDY & Research, Vol. VII (3), 2006, ISSN 1582-540X p. 355-356, 2006.</p> <p>Revist recunoscut CNCISIS categoria BDI (7 baze de date) conform: http://pubs.ub.ro/?pg=revues&rev=csc6</p>
9.	<p>URSU A.V., NISTOR I.D., MIRON N.D., PLATON N. – <i>Optimization of biogas producing utilizing an experimental program of type 3³</i>, Modeling and optimization in the machines building field MOCM, Publishing house Alma – Mater, Bacau, 2 (11), 156-162, 2005.</p> <p>Revist recunoscut CNCISIS categoria BDI (4 baze de date) conform: http://pubs.ub.ro/?pg=revues&rev=jesr&sc=about</p>
10.	<p>NISTOR I.D., URSU A.V., MIRON N.D., PLATON N. – <i>Research concerning the environment pollution with dioxins</i>, Modeling and optimization in the machines building field MOCM, Publishing house Alma – Mater , Bacau, 2 (11), 104 - 107, 2005.</p> <p>Revist recunoscut CNCISIS categoria BDI (4 baze de date) conform: http://pubs.ub.ro/?pg=revues&rev=jesr&sc=about</p>
<p>ARTICOLE / STUDII PUBLICATE ÎN VOLUME ALE UNOR MANIFEST RI TIIN IFICE INTERNA IONALE</p>	
1.	<p>PLATON N., DRAGOI B., DUMITRIU E., SIMINICEANU I., NISTOR I.D., MIRON N.M. <i>The texture of a iron pillared bentonite catalyst</i>. International Conference of Applied Sciences, Chemistry and Chemical Engineering, Editura Alma Mater Bac u, p. 352-357, ISSN 2066 - 7817, 2010.</p>
2.	<p>GEORGESCU A.M., NARDOU F., PENAT C., NISTOR I.D., PLATON N. <i>Synthesis and characterization by morphologic and textural analysis of Al pillared clays prepared from montmorillonite K10</i>, International Conference of Applied Sciences, Chemistry and Cemical Egeineering, Editura Alma Mater Bac u, p.365-372, ISSN 2066 - 7817, 2010.</p>

3.	MUNTIANU G., JINESCU G., NISTOR I.D., MIRON N.D., PLATON N. <i>Study concerning the preparation of Al-pillared clay used in depollution processes</i> , International Conference of Applied Sciences, Chemistry and Chemical Engineering, Editura Alma Mater, Bac u, p.379 - 387, ISSN 2066 - 7817, 2010 .
4.	IURASCU B., SIMINICEANU I., VICENTE M., NISTOR D., PLATON N. <i>Influence of thermal aging on the activity of a heterogeneous photo-fenton catalyst</i> . Proceedings of the first. Applied Sciences Symposium, Editura Alma Mater Bac u , p.150 - 156, ISSN 1843 - 1003, 2007 .
5.	PLATON N. , SIMINICEANU I., NISTOR D.I., MIRON N.D. <i>Etude des materiaux argileux utilises comme catalyseurs dans le traitement des eaux residuelles</i> , Proceedings of the first. Applied Sciences Symposium, Editura Alma Mater, Bac u, p. 44 - 48, ISSN 1843 - 1003, 2007 .
6.	PLATON N. , NISTOR I.D., MIRON N.D., PÂNZARU A. <i>Study concerning different admixtures influence on the qualitative index of apple juice</i> . Proceedings of the first. Applied Sciences Symposium, Editura Alma Mater, Bac u, p.265 - 268, ISSN 1843 - 1003, 2007 .
LUCR RI / STUDII PREZENTATE LA MANIFEST RI TIIN IFICE NA IONALE/INTERNA IONALE SUB FORM DE CONFERIN ORAL SAU POSTER	
Prezent ri conferin e <i>a. Orale</i>	1. Azzouz A., Aru V.A., Platon N. , Nistor D., <i>Attempts to lactic acid removal for improved milk clotting</i> , Clay minerals for dairy technology , The XV International Clay Conference July 7-11t, Universidade Federal do Rio de Janeiro, Rio de Janeiro, RJ, Brazil, 2013 . http://www.nt.ntnu.no/users/rozynek/Conferences/XVICC_Program_Book.pdf
	2. PLATON N. , SIMINICEANU I., NISTOR I.D., MIRON N.D., <i>Preparation and characterization of new products obtained by pillaring process</i> . International Conference of Applied Sciences, Chemistry and chemical engineering, Seventy Edition, May 15 - 18, Bac u, România, 2013 .
	3. PLATON N. , NISTOR D.I., SIMINICEANU I, <i>Effect of microwave irradiation time on the synthesis of pillared clays</i> , International Conference of Applied Sciences, Chemistry and chemical engineering, Sixth Edition, April 24 - 27, Bac u, România, 2012 .
	4. PLATON N. , SIMINICEANU I., NISTOR D.I., MIRON N.D. <i>Etude des materiaux argileux utilises comme catalyseurs dans le traitement des eaux residuelles</i> . Proceedings of the first, Applied science symposium, Bacau, Si nic Moldova, Aprilie, 13-15, 2007 .
	5. IURASCU B., PLATON N. , NISTOR D.I., SIMINICEANU I. – <i>Pillared clays production and characterization</i> , Open days of the Faculty of Chemical Engineering and environment protection, Ia i , 2005 .
<i>b. tip postere</i>	1. PLATON N. , NISTOR I D., SIMINICEANU., <i>Heterogeneous water phase catalysis as an environmental application</i> , First International Conference on Moldavian Risks – From global to local scale, Bacau, România, 2012 .
	2. MUNTIANU G., PLATON N. JINESCU G., SIMINICEANU I, URSU A.V., MIRON N.D., NISTOR I.D., <i>The characterization of the structure and texture of pillared interlayer materials</i> , International Conference of Applied Sciences, Chemistry and chemical engineering, Fifth edition, April, 28 - 30, Bac u, Romania, 2011 .
	3. PLATON N. , NISTOR I.D., SIMINICEANU I., MIRON N.D. <i>A comparison of Al-Fe and Fe chemically modified clays for catalytic wet peroxide oxidation</i> , International Conference of Applied Sciences, Chemistry and chemical engineering, April 8-11 Bac u, Si nic - Moldova, 2010 .

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4. PLATON N. , NISTOR I.D., SIMINICEANU I., MIRON N.D., DRAGOI B. <i>Synthesis of iron chemically modified clays. Effect of synthesis parameters on textural and catalytic properties</i> , International Conference of Applied Sciences, Chemistry and chemical engineering, April 8-11 Bac u, Sl nic - Moldova, 2010 .
5. MUNTIANU G., JINESCU G., NISTOR I.D., MIRON N.D., PLATON N. <i>Study concerning the preparation of Al-pillared clay used in depollution processes</i> , International Conference of Applied Sciences, Chemistry and chemical engineering, April 8-11 Bac u, Sl nic - Moldova, 2010 .
6. PLATON N. SIMINICEANU I., NISTOR I.D., MIRON N.D., <i>Comparative study on nanomaterials characteristics obtained from raw montmorillonite clay and purified montmorillonite clay</i> , Proceedings of the 1 st International Symposium on Applied Physics – Materials Science, Environment and Health (ISAPI), Galati, November 28-29, 2009 .
7. NISTOR D.I., MIRON N.D., URSU A.V., GEORGESCU A.M, PLATON N. , <i>Retention of organic pollutants with microporous aluminosilicate materials</i> , Open days of "Alexandru Ioan Cuza" University, Faculty of Chemistry, Iasi, 2007 .
8. PLATON N. , NISTOR D.I., SIMINICEANU I., <i>Catalitic activity of pillared montmorillonite</i> , Open days of "Alexandru Ioan Cuza" University, Faculty of Chemistry, Iasi, 2007 .
9. SIMINICEANU I., PLATON N. , URSU A.V., NISTOR I.D., MIRON N.D. – <i>Influence de l'ajoutage de lecithine sur certaines proprietes de la margarine</i> , Le quatrieme colloque franco-roumain de chimie appliquee, Clermont - Ferrand (France), 28 iunie - 02 iulie, 2006 .
RECENZII
1. Bai Cuiping, Xiao Wensheng , Feng Dexin, Xian Mo, Guo Dong, Ge Zhongxue, Zhou Yanshui, <i>Efficient decolorization of Malachite Green in the Fenton reaction catalyzed by [Fe(III)-salen]Cl complex</i> , <i>ISI (factor de impact 3,4)</i> , Chemical Engineering Journal, vol. 215–216, p. 227–234, 2013 .

Data complet rii,
1. 08. 2013

Semn tura,
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