CURRICULUM VITAE

INFORMAŢII PERSONALE

Nume şi prenume	**LUTIC DOINA**
Adresă	Str. Ion Creangă nr. 41 et. 1 ap. 1, Iasi
Telefon / Fax	0332 444 315
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Naţionalitate	Română
Locul şi data naşterii	Iaşi, 17 octombrie 1964
Naţionalitate	Română

EXPERIENŢA PROFESIONALĂ

ianuarie 1998 – present, Iasi, Facultatea de Chimie, Universitatea "Al.I.Cuza"
lector universitar
oct. 1990 – ian. 1998, Iasi, Facultatea de Chimie, Universitatea "Al.I.Cuza"
asistent universitar
mart. 1990 – sept. 1990, Iasi, Institutul de cercetari chimico-farmaceutice, inginer chimist, laboratorul analitic
sept. 1988- febr. 1990, Birlad, Rulmentul, inginer chimist stagiar

DOMENII DE COMPETENŢĂ

- Nanomateriale şi biomateriale. Sinteză, caracterizare fizico structurală
- Aplicaţii catalitice şi fotocatalitice ale nanomaterialelor în protecţia mediului
- Materiale oxidice nanoporoase şi mezoporoase pentru procese de adsorbţie, schimb ionic şi senzori

ACTIVITATEA ŞTIINŢIFICĂ
(vezi ANEXE)

16 lucrări ştiinţifice publicate în reviste cotate ISI, din care 11 în reviste din străinătate
1 brevet internaţional
15 lucrări ştiinţifice publicate în reviste fără cotare ISI

EXPERIENŢĂ DE LUCRU ÎN CERCETARE ŞI INSTRUIRE

CĂRŢI / ARTICOLE PUBLICATE:

- **Cărţi**, cursuri universitare şi manuale de lucrări practice 4
- **articole ştiinţifice** publicate în reviste de specialitate: 31, din care: **11** cu **ISI** in reviste din **străinătate, 5** cu **ISI** in reviste din **ţară, 15** in reviste non ISI din tara.
- **participări** la manifestări ştiinţifice ...., din care în străinătate ....
- **1 brevet internaţional**

Citări lucrări indexate/recenzate în baze de date internaţionale: **225** (excluse autocitările lucrărilor proprii)**;** în SCOPUS, CAPLUS and MEDLINE, de Institute for Scientific Information (ISI), Chemical Abstracts, Current Contents etc. **Indice Hirsh = 7** (excluse autocitarile lucrărilor proprii), **HI = 6** (excluse autocitarile tuturor coautorilor)

COORDONATOR ŞTIINŢIFIC: lucrări de licenţă (4 în ultimii 5 ani), lucrări de disertaţie (2), lucrări metodico-ştiinţifice pentru obţinerea gradului I în învăţământul preuniversitar (1).

REFERENT ŞTIINŢIFIC: MEMBRU ÎN COMISIA DE ÎNDRUMARE A TEZEI DE DOCTORAT (ALEXA IULIA-FLORENTINA, 2011).

SPECIALIZĂRI POSTUNIVERSITARE

DIRECTOR / RESPONSABIL GRANTURI DE CERCETARE / DEZVOLTARE: cu finanţare internă: 2

COLABORATOR ÎN GRANTURI DE CERCETARE: cu finanţare internă: 4

EDUCAŢIE

1998 – prezent: **lector universitar**, prin concurs, la Universitatea „Alexandru Ioan Cuza" din Iaşi, Facultatea de Chimie;

1990 – 1998: **asistent universitar**, prin concurs, la Universitatea „Alexandru Ioan Cuza"

STAGII DE PREGĂTIRE ŞI MOBILITĂŢI	din Iaşi, Facultatea de Chimie; - **Aprilie 2005 – martie 2006** şi **august 2006-iulie 2007** (24 luni): stagii de cercetare post-doctorat la School of Technology and Design, Växjö University şi Linkoping University, Suedia. - **Aprilie 2000 – martie 2001** (12 luni)– stagiu de cercetare post-doctorat la « Laboratoire de Materiaux Mineraux et Catalyse en Chimie Organique », Montpellier II University, France - **1999** (3 luni, Septembrie – decembrie) – stagiu de cercetare post-doctorat la Universitatea Laval, Quebec, Canada - Octombrie 1997 - Doctorat: Doctor Inginer, Specialitatea Materiale şi Procese Catalitice, diploma seria P nr. 0006297, Facultate de Chimie Industricală şi Protecţia Mediului), Universitatea Tehnică Gh. Asachi din Iaşi - 1983-1988, iunie, Examen de Diplomă, Diploma de inginer seria F nr. 11037/1988, la Facultatea de Tehnologie Chimică (actuala Facultate de Chimie Industricală şi Protecţia Mediului), Universitatea Tehnică Gh. Asachi din Iaşi - 1979-1983, iunie, Examen de Bacalaureat, Diploma de Bacalaureat seria A nr. 102768, Liceul Al.I. Cuza din Iaşi - 1971-1983 Şcoala primară şi gimnazială, Iaşi
MEMBRU ÎN SOCIETĂŢI ŞTIINŢIFICE	**Membru** al Societatii de Cataliză din România
CUNOŞTINŢE UTILIZARE COMPUTERE	**Operare bună PC** (Microsoft Office Word; Microsoft Office Power Point; Microsoft Office Excel; Internet (Explorer, Mozila, Opera), Chem draw, operare specială aparate
LIMBI STRĂINE CUNOSCUTE	Engleză, Franceză (citit, scris, vorbit) nivel bun, Germană, Suedeză (noţiuni elementare)

Iaşi
16.12. 2013

ANEXE

Lucrări cotate ISI publicate

1. Doina Lutic, Michael Strand, Anita Lloyd Spetz, Kristina Buchholt, Eliana Ieva, Per-Olof Käll, Mehri Sanati, Catalytic properties of oxide nanoparticles applied in gas sensors, Topics in Catalysis, 45, 1-4, p. 105-109, 2007 **IF = 2,624**

2. Didier Tichit, Doina Lutic, Bernard Coq, Robert Durand, Rémi Teissier – The aldol condensation of acetaldehyde and heptanal on hydrotalcite type catalysts, J.Catal. 219 (1), p. 167-175, 2003 **IF = 6,002**

3. Emil Dumitriu, Claude Guimon, Vasile Hulea, Doina Lutic, Ioana Fechete – *Transalkylation of toluene with trimethylbenzenes catalyzed by various AFI catalysts*, Appl.Catal. A:General, 237, 2002, p. 211-221 **IF = 3,903**

4. Do Trong On, Doina Lutic, Serge Kaliaguine – *An example of mesostructured zeolitic material: UI-TS-1* - Microporous and Mesoporous Materials, 44-45, 2001, p. 435-444 **IF = 3,285**

5. Emil Dumitriu, Doina Lutic, Vasile Hulea, Dana Dorohoi, Abdelkrim Azzouz, Elibabeth Colnay, Charles Kappenstein - *Synthesis optimization of chabazite-like SAPO-47 in the presence of sec-butylamine,* Microporous and Mesoporous Materials, 31 (1-2), 1999, p. 187-193 **IF = 3,285**

6. Doina Lutic, Cristina Coromelci-Pastravanu, Igor Cretescu*, Ioannis Poulios, Catalina-Daniela Stan, *Rhodamine G Removal from Wastewaters using Photoactive ZnO – a Parametric Study*, International Journal of Photoenergy, 2012 **IF = 1,769**

7. Elena Mihaela Seftel, , Pegie Cool, Anita Lloyd-Spetz, Doina Lutic, Synthesis and characterization of catalytic metal semiconductor-doped siliceous materials with ordered structure for chemical sensoring, Journal of Porous Materials, DOI 10.1007/s10934-013-9694-2 vol. 20, Issue 5 (2013), Page 1119-1128I**F = 1,238**

8. Saliha Haddoum, Ioana Fechete, Bertrand Donnio, Francois Garin, Doina Lutic, Chems Eddine Chitour, *Fe-TUD-1 for the preferential rupture of the substituted C-C bond of methylcyclopentane (MCP),* Catalysis Communications 27 (2012) 141–147 **IF = 2,986**

9. E.M. Seftel, P. Cool, D. Lutic Mg–Al and Zn–Fe layered double hydroxides used for organic species storage and controlled release, Mat. Sci. Eng. C 33 (2013) 5071–5078 **IF = 2,686.**

10. E.Dumitriu, A.Azzouz, H.Kessler şi Doina Lutic - *Synthesis, characterization and catalytic activity of SAPO-34 obtained with piperidine as templating agent,* Microporous Materials, 10, 1997, p. 1-12.

11. E. M. Seftel, P. Cool, A. Lloyd Spetz, D. Lutic, Pt-doped Semiconductive Oxides Loaded on Mesoporous SBA-15 for Gas Sensing, Comtes Rendus Chimie (2013), accepted

12. Philippe Caullet, Angelique Simon-Masseron, Henri Kessler, Emil Dumitriu, Ioana Fechete, Doina Lutic, *The role of acidity of CeH-EMT-type zeolite for catalyzing toluene alkylation with methanol to xylenes*, Rev. Roum. Chimie, 53(1), 55-61 2008 **IF = 0,418**

13. Emil Dumitriu, Ioana Fechete, Henri Kessler, Philippe Caullet, Doina Lutic, Eric Gautron, *Studies on the acidity and the stability of Fe^{3+} ions in the framework of (Si,Fe)-MCM-22 zeolite. Selective para-xylene production by toluene disproportionation,* Rev. Roum. Chimie, **53(1)**, 49-54 2008 **IF = 0,418.**

14. Claudia Hristodor, Violeta Copcia, Doina Lutic, Eveline Popovici, *Thermodynamics and kinetics of Pb(II) and Hg(II) ions removal from aqueous solution by Romanian clays,* Revista de Chimie, 61(3), 2010, p. 285-289 **IF = 0,599**

15. Elena-Mihaela Seftel, Emiliana Dvininov, Doina Lutic, Eveline Popovici, Calin Ciocoiu - *Synthesis of Hydrotalcite-type Anionic Clays Containing Biomolecules*, Journal of Optoelectronics and Advanced Materials, 7(6), p. 2869, 2005 **IF = 0,457**

16. Ioana Fechete, Saida Debbih-Boustila, Rima Merkache, Oana Hulea, Liliana Lazar, Doina Lutic, Ion Balasanian, Francois Garin, *MnMCM-48, CoMCM-48 AND CoMnMCM-48 Mesoporous catalysts for the conversion of methylcyclopentane (MCP*), Environmental Engineering and Management Journal Vol.11, No. 11, 2012, 1931-1943. **FI = 1.004**

Brevet internaţional

1. Jaco Visser, Peter Jozsa, Doina Lutic, Anita Lloyd-Spetz, Mehri Sanati, *Method and arrangement for detecting particles*, Brevet international WO 2009/108091 A1, 2009.

Lucrări non- ISI publicate

1. Doina Lutic, Tailoring the Basic and Acid Sites by Thermal Treatments of Mg Al Hydrotalcites for their Use in Aldol Condensation, Acta Chemica Iaşi 18, 47-58, 2010, ISSN 2067-2438

2. Doina Lutic, *Heterogeneous Acid-Base Catalyzed Aldol Condensation: Acetaldehyde and Heptaldehyde on Hydrotalcites. Optimization of Operatory Conditions,* Acta Chemica Iaşi, **18**, 31-46, 2010, **ISSN** 2067-2438

3. Doina Lutic, Joakim Pagels, Robert Bjorklund, Peter Josza, Jaco Visser, Ann Grant, Mats L Johansson, P. Jasko, P.-E. Fägerman, Mehri Sanati, Anita Lloyd Spetz, *Detection of soot applying sensor device with thermophoretic deposition,* Journal of Sensors, 2010, p. 1-6.

4. Gheorghe Nemţoi, Horia Chiriac, Oana Dragoş, Mircea-Odin Apostu, Doina Lutic[CA], *The Voltammetric Characterization of the Electrodeposition of Cobalt, Nickel and Iron on Gold Disk Electrode*, Acta Chemica Iasi, 17, 2009, p. 151-168.

5. D. Lutic, V. Hulea, B. Coq, R. Durand si D. Tichit, *The aldol condensation of acetaldehyde and heptanal on NiMg(Al)O mixed oxides obtained from LDH precursors,* Progress in Catalysis, vol. 15 (1-2), p. 31-38, 2006.

6. I. Fechete, P. Caullet, D.Lutic si H. Kessler, *Effect of isomorphous substitution in the MWW strucutre on the activity and selectivity in alkylation of toulene with methanol,* Progress in Catalysis, vol. 15 (1-2), p. 15-22, 2006.

7. Doina Lutic, Vasile Hulea şi Emil Dumitriu – *Gas-phase aldol condensation of aldehydes on metal-containing molecular sieves of AFI type,* Progress in Catalysis, Bucureşti, vol. 11, nr. 1-2, 2002, p. 29-37.

8. E. Dumitriu, A.Azzouz, V. Hulea, Doina Lutic, Dana Dorohoi, G. Pop şi Ruxandra Bârjega - *An optimization of SAPO-34 synthesis by factorial experiments,* J.Soc.Alger.Chim, 9 (2), 1999.

9. E.Dumitriu, A.Azzouz, V.Hulea şi Doina Lutic - *Advances in the synthesis of pure aluminophosphate molecular sieves and derivatives,* J.Soc.Alger.Chim., 7(2), p. 221-242, 1997.

10. E.Dumitriu, A.Azzouz, V.Hulea şi Doina Lutic - *On the sythesis and the catalytic properties of the chabazite-like SAPO, MeAPO and MeAPSO,* Rom.Chem. Quat.Rev., 5(3), 1997, p.165-182.

11. E.Dumitriu, A.Azzouz, Doina Lutic şi Dana Dorohoi - *Structure and properties of chabazite-like silicoaluminophosphates,* Supplement of Balkan Physics Letters, 1997, p. 816-819.

12. C.C Pavel, K. Popa, N.Bilba, D. Lutic şi A. Cecal – *Sorption of Some Radiocations on ETS-10 titanosilicate. Thermodynamic and kinetic considerations*, An. Sci. Univ. Iasi, Secţiunea Chimie, Tom XI, 2003, p. 81-86.

13. A. Azzouz, M.Acache, E. Dumitriu, Doina Lutic şi V. Hulea - *Etude de l'incorporation de silicium et de magnesium dans les aluminophosphates microporeux de types AFI et AEL*, Bull.Inst.Polit.Iassy, tom XLII (XLVI), seria II, fasc. 3-4, 1996, p. 141-150.

14. Gh.Mihaila, H.C.Barbu, Doina Lutic şi Monica Sava - International Symposium "Natural Zeolites - Sofia 1995": "Adsorption of Sulphur Dioxide on Clinoptilolite Volcanic tuff", PENTASOFT Publishers, Sofia, 1995, p. 146-152.

15. E.Dumitriu, V.Hulea, N.Bîlbă şi Doina Lutic - *Toluene transalkylation on metal/SAPO-5 catalysts,* An.St.Univ."Al.I.Cuza" Iassy, 1993, p.137-141.

Cărţi şi capitole de carte

1. Doina Lutic, Anita Lloyd Spetz si Mehri Sanati - „*Gas sensors*", capitolul 15 in „*Synthesis Properties and Applications of Oxide Nanomaterials"*, editori José A. Rodriguez si Marcos Fernández-García, John Wiley & Sons, New York, 2007, p. 411-450 (40 pagini). (http://eu.wiley.com/WileyCDA/WileyTitle/productCd-047172405X,descCd-tableOfContents.html),

2. E.Dumitriu şi Doina Lutic, « *Cataliza: o abordare generală* » , Editura «VIE», Iasi, Romania (ISBN 973-85989-7-4), 2002, 380 pagini.

3. Doina Lutic – "*Procese catalitice",* indrumar de laborator pentru studenti, Editura "Performantica", Iasi, 2005, 96 pagini.

4. Eveline Popovici, Maria Alexandroaei şi Doina Lutic, "*Merceologie*" – indrumar de laborator pentru studenti, Editura Universităţii "Al.I.Cuza" Iasi, Romania, 1997, 240 pagini.

5. Gh. Duca, Eveline Popovici, Maria Gonţa şi Doina Lutic, "*Chimie Ecologică*", indrumar de laborator pentru studenti, Editura Universităţii de Stat dinChişinău, Republica Moldova, 1996, 140 pagini.

GRANTURI

1. MNT ERA Net, Soot Sens II -Soot Sensors for a healthy environment, Proiect transnational nr. 09044/2010, MNT Era Net nr. 7-028/2010, **director / responsabil** din partea Universitatii Al. I. Cuza, 2010.
2. Bilateral Project Romania – Greece nr. 576/2012, Oxidarea fotocatalitică folosind lumina solară a soluţiilor de colorant în medii apoase (Solar Photocatalytic Oxidation and Decolorization of Dye Solutions in Aqueous Media (PHOTODYEOUT), **director,** 2012-2013.
3. MNT ERA Net, Soot Sens-Soot Sensors for a healthy environment, Project, nr. 07149, MNT Era net 7-011/08.09.2008, **membru**, 2008-2009.
4. Project CEEX nr.1/S1/2005 Porous oxidic multifunctional materials for the removal and degradation of priority dangerous substances from wastewaters, **membru**, 2007-2008.
5. Project CNCSIS nr. 1450, Synthesis of new solids with nanometric scale porosity useful for the ecologic processes of wastewaters reabilitation, **membru**, 2005-2006.
6. Detection systems based on metallic multilayer nanowires for biomedical applications, Project PNII-PC4 11-072.2.1, **membru**, 2007-2010.

CITĂRI CONFORM BAZELOR DE DATE INTERNAŢIONALE ISI THOMSON ŞI SCOPUS

LISTA CITARILOR

Doina Lutic, Michael Strand, Anita Lloyd Spetz, Kristina Buchholt, Eliana Ieva, Per-Olof Käll, Mehri Sanati, *Catalytic properties of oxide nanoparticles applied in gas sensors*, Topics in Catalysis, 45, 1-4, p. 105-109, 2007	
1	Wang, X., Liu, G., Zhu, F., Hu, L. 2012 *Kuei Suan Jen Hsueh Pao/Journal of the Chinese Ceramic Society* 40 (3) , pp. 391-395
2	Afzal, A., Monopoli, A., Di Franco, C., Ditaranto, N., Mariano, B., Cioffi, N., Nacci, A., (...), Torsi, L. 2011 *Proceedings of the 4th IEEE International Workshop on Advances in Sensors and Interfaces, IWASI 2011* , art. no. 6004701 , pp. 125-128

3	Ho, G.W. 2011 *Science of Advanced Materials* 3 (2) , pp. 150-168
4	Pashchanka, M., Hoffmann, R.C., Gurlo, A., Schneider, J.J. 2010 *Journal of Materials Chemistry* 20 (38) , pp. 8311-8319
5	Sahner, K., Tuller, H.L. 2010 *Journal of Electroceramics* 24 (3) , pp. 177-199
6	Moshfegh, A.Z. 2009 *Journal of Physics D: Applied Physics* 42 (23) , art. no. 233001
7	Hsieh, S., Chao, W.-J., Hsieh, C.-W. 2009 *Journal of Nanoscience and Nanotechnology* 9 (5) , pp. 2894-2901
8	Ramakrishna, S., Ramaseshan, R., Jose, R., Susan, L., Suresh, B.R., Bordia, R. 2009 *Ceramic Engineering and Science Proceedings* 29 (8) , pp. 1-18

Elena-Mihaela Seftel, Emiliana Dvininov, Doina Lutic, Eveline Popovici, Calin Ciocoiu - *Synthesis of Hydrotalcite-type Anionic Clays Containing Biomolecules*, Journal of Optoelectronics and Advanced Materials, 7(6), p. 2869, 2005	
9	Tămăşan, M., Simon, V. 2012*Journal of Optoelectronics and Advanced Materials* 14 (11-12) , pp. 1053-1058
10	Matei, A., Birjega, R., Nedelcea, A., Vlad, A., Colceag, D., Ionita, M.D., Luculescu, C., (...), Pavel, O.D. 2011*Applied Surface Science* 257 (12) , pp. 5308-5311
11	Sharma, U., Tyagi, B., Jasra, R.V. 2008*Industrial and Engineering Chemistry Research* 47 (23) , pp. 9588-9595
12	Dvininov, E., Ignat, M., Barvinschi, P., Smithers, M.A., Popovici, E. , 2010, *Journal of Hazardous Materials* 177 (1-3) , pp. 150-158
13	Pode, R., Popovici, E., Cocheci, L., Reisz, E., Seftel, E.M., Pode, V. 2008 *Journal of the Serbian Chemical Society* 73 (8-9) , pp. 835-843
14	Pode, R., Popovici, E., Reisz, E., Cocheci, L., Seftel, E.M., Pode, V. 2008 *Revue Roumaine de Chimie* 53 (3) , pp. 207-215
15	Seftel, E.-M., Popovici, E., Pode, V., Bandur, G. 2007 *Revue Roumaine de Chimie* 52 (11) , pp. 1033-1037
16	Del Hoyo, C. 2007 *Applied Clay Science* 36 (1-3) , pp. 103-121
17	Popovici, E., Pode, R., Reisz, E., Cocheci, L., Pode, V., Seftel, E.-M. 2007 *Revista de Chimie* 58 (1) , pp. 13-15

Didier Tichit, Doina Lutic, Bernard Coq, Robert Durand, Rémi Teissier – *The aldol condensation of acetaldehyde and heptanal on hydrotalcite type catalysts,* J.Catal. 219 (1), p. 167-175, 2003	
18	Morales-Serna, J.A., Jaime-Vasconcelos, M.Á., García-Ríos, E., Cruz, A., Angeles-Beltrán, D., Lomas-Romero, L., Negrón-Silva, G.E., Cárdenas, J. 2013 *RSC Advances* 3 (45) , pp. 23046-23050
19	Tzompantzi, Carrera, Y., Morales-Mendoza, G., Valverde-Aguilar, G., Mantilla, A. 2013 *Catalysis Today* 212 , pp. 164-168
20	Ma, Q., Zhao, T., Wang, D., Niu, W., Lv, P., Tsubaki, N. 2013 *Applied Catalysis A: General* 464-465 , pp. 142-148
21	Tayade, K.N., Mishra, M. 2013 *Catalysis Science and Technology* 3 (5) , pp. 1288-1300
22	Xu, J., Cao, Y., Ma, Q., Peng, X. 2013 *Asian Journal of Chemistry* 25 (7) , pp. 3847-3849
23	Tang, Y., Xu, J., Gu, X. 2013 *Journal of Chemical Sciences* 125 (2) , pp. 313-320
24	Chen, T., Zhang, F., Zhu, Y. 2013 *Catalysis Letters* 143 (2) , pp. 206-218
25	Yuan, D., Li, X., Zhao, Q., Zhao, J., Liu, S., Tadé, M. 2013 *Applied Catalysis A: General* 451 , pp. 176-183
26	Xu, C., Gao, Y., Liu, X., Xin, R., Wang, Z. 2013 *RSC Advances* 3 (3) , pp. 793-801
27	Chen, F., Wang, G., Li, W., Yang, F. 2013 *Industrial and Engineering Chemistry Research* 52 (2) , pp. 565-571
28	Massah, A.R., Kalbasi, R.J., Toghiani, M., Najafabadi, B.H., Adibnejad, M. 2012 *E-Journal of Chemistry* 9 (4) , pp. 2501-2508
29	Fechete, I., Wang, Y., Védrine, J.C. 2012 *Catalysis Today* 189 (1) , pp. 2-27
30	Wang, S.-H., Wang, Y.-B., Dai, Y.-M., Jehng, J.-M. 2012 *Applied Catalysis A: General* 439-440 , pp. 135-141
31	Tang, Y., Chen, G., Lu, Y. 2012 *Research on Chemical Intermediates* 38 (3-5) , pp. 937-946
32	Álvarez, M.G., Plíšková, M., Segarra, A.M., Medina, F., Figueras, F. 2012 *Applied Catalysis B: Environmental* 113-114 , pp. 212-220
33	Mokhtar, M., Saleh, T.S., Basahel, S.N. 2012 *Journal of Molecular Catalysis A: Chemical* 353-354 , pp. 122-131
34	Sobczak, I., Ziolek, M., Pérez-Mayoral, E., Blasco-Jiménez, D., López-Peinado, A.J., Martín-Aranda, R.M. 2012 *Catalysis Today* 179 (1) , pp. 159-163
35	Lin, Y., Zhou, Y., Wang, G., Li, D., Duan, X. 2012 *Shiyou Huagong/Petrochemical Technology* 41 (1) , pp. 1-8
36	Wang, L., Zhou, Y., Lin, Y., Duan, X. 2011 *Chemistry Bulletin / Huaxue Tongbao* 74 (12) , pp. 1074-1083
37	Wang, Y.-B., Jehng, J.-M. 2011 *Chemical Engineering Journal* 175 (1) , pp. 548-554
38	Pérez, A., Lamonier, J.-F., Giraudon, J.-M., Molina, R., Moreno, S. 2011 *Catalysis Today* 176 (1) , pp. 286-291
39	Nagendrappa, G. 2011 *Applied Clay Science* 53 (2) , pp. 106-138
40	Ismail, O.M.S. 2011 *Research Journal of Applied Sciences, Engineering and Technology* 3 (5) , pp. 408-414
41	Huang, W., Zhang, H., Pan, D. 2011 *AIChE Journal* 57 (7) , pp. 1936-1946
42	Islam, M., Patel, R. 2011 *Journal of Hazardous Materials* 190 (1-3) , pp. 659-668
43	Ordóñez, S., Díaz, E., León, M., Faba, L. 2011 *Catalysis Today* 167 (1) , pp. 71-76

44	Xu, W., Liu, X., Ren, J., Liu, H., Ma, Y., Wang, Y., Lu, G. 2011 *Microporous and Mesoporous Materials* 142 (1) , pp. 251-257
45	Lei, X., Lu, W., Peng, Q., Li, H., Chen, T., Xu, S., Zhang, F. 2011 *Applied Catalysis A: General* 399 (1-2) , pp. 87-92
46	Li, X., Lu, G., Guo, Y., Guo, Y., Wang, Y. 2010 *Advanced Materials Research* 132 , pp. 228-235
47	Sharma, S.K., Parikh, P.A., Jasra, R.V. 2010 *Applied Catalysis A: General* 386 (1-2) , pp. 34-42
48	Pei, W., Dong, Z., Yao, C., Chen, Q. 2010*Chinese Journal of Organic Chemistry* 30 (9) , pp. 1410-1418
49	Cota, I., Ramírez, E., Medina, F., Sueiras, J.E., Layrac, G., Tichit, D. 2010 *Applied Catalysis A: General* 382 (2) , pp. 272-276
50	Xu, X., Lin, Y., Evans, D.G., Duan, X. 2010 *Science China Chemistry* 53 (7) , pp. 1461-1469
51	Liu, Y., Sun, K., Ma, H., Xu, X., Wang, X. 2010 *Catalysis Communications* 11 (10) , pp. 880-883
52	Liu, H., Xu, W., Liu, X., Guo, Y., Guo, Y., Lu, G., Wang, Y. 2010 *Kinetics and Catalysis* 51 (1) , pp. 75-80
53	Bégu, S., Aubert-Pouëssel, A., Polexe, R., Leitmanova, E., Lerner, D.A., Devoisselle, J.-M., Tichit, D. 2009 *Chemistry of Materials* 21 (13) , pp. 2679-2687
54	Debecker, D.P., Gaigneaux, E.M., Busca, G. 2009 *Chemistry - A European Journal* 15 (16) , pp. 3920-3935
55	Shen, Y., Wu, J., Tang, Y., Zhang, H., Wang, L., Liu, C., Zhang, Z. 2009*Kuei Suan Jen Hsueh Pao/ Journal of the Chinese Ceramic Society* 37 (2) , pp. 285-290
56	Wang, L., Liu, X., Yan, K., Xie, X. 2009 *Speciality Petrochemicals* 26 (1) , pp. 10-14
57	Cheng, W., Wang, W., Zhao, Y., Liu, L., Yang, J., He, M. 2008*Applied Clay Science* 42 (1-2) , pp. 111-115
58	Wang, Y., Zhang, T., Xu, S., Wang, X., Evans, D.G., Duan, X. 2008*Industrial and Engineering Chemistry Research* 47 (15) , pp. 5746-5750
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