

Peer Reviewed Papers Published in **2011**  
Citing the Micromeritics  
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4356 Communications Drive  
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## Peer Review Paper Published in 2011 Citing the Micromeritics FlowSorb Surface Area Analyzer

TITLE	AUTHOR / PUBLISHER	DOI Code	Models Cited	Product, Family
1-BUTANOL DEHYDRATION AND DEHYDROGENATION OVER VANADIUM ALUMINIUM OXYNITRIDE CATALYSTS	M FLOREA, S DELSARTE, E van KEULEN... - Rev. Roum. ..., 2011 - revroum.getion.ro		2300	FlowSorb
A comparative study of ZnS powders sintering by Hot Uniaxial Pressing (HUP) and Spark Plasma Sintering (SPS)	Chlique, C. / Delaizir, G. / Merdrignac-Conanec, O. / Roucau, C. / Dollé, M. / Rozier, P. / Bouquet, V. / Zhang, X.H., Optical Materials, 33 (5), p.706-712, Mar 2011	doi:10.1016/j.optmat.2010.10.008	2300	FlowSorb
A High Precision Coulometry Study of the SEI Growth in Li/Graphite Cells	AJ Smith, JC Burns, X Zhao, D Xiong... - Journal of The ..., 2011 - jes.ecsdl.org		2300	FlowSorb
A molecularly imprinted polymer based on TiO <sub>2</sub> as a sacrificial support for selective recognition of dibenzothiophene	Xu, Wan-zhen / Zhou, Wei / Xu, Ping-ping / Pan, Jian-ming / Wu, Xiang-yang / Yan, Yong-sheng, Chemical Engineering Journal, 172 (1), p.191-198, Aug 2011	doi:10.1016/j.cej.2011.05.089	2300	FlowSorb
Acid Dissolution Kinetics of Synthetic Aluminum-Substituted Maghemites ( $\gamma$ -Fe Al O)	MA Batista, A da Costa, JM Bigham... - Soil Science Society of ..., 2011 - agronomy.org		2300	FlowSorb
Adsorption essays of palladium in modified silica gel with thiouronium groups: Experimental and theoretical studies	A CARREÑO G, E SCHOTT V, X ZÁRATE B... - Journal of the Chilean ..., 2011 - SciELO Chile		2300	FlowSorb
Adsorption studies of Cd(II) onto Al <sub>2</sub> O <sub>3</sub> /Nb <sub>2</sub> O <sub>5</sub> mixed oxide dispersed on silica matrix and its on-line preconcentration and determination by flame atomic absorption spectrometry	Mendonça Costa, Lucimara / Ribeiro, Emerson Schwingel / Segatelli, Mariana Gava / do Nascimento, Danielle Raphael / de Oliveira, Fernanda Midori / Tarley, César Ricardo Teixeira, Spectrochimica Acta Part B: Atomic Spectroscopy, 66 (5), p.329-337, May 2011	doi:10.1016/j.sab.2011.02.005	2300	FlowSorb

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Adsorptive removal of Cr(III) and Fe(III) from aqueous solution by chitosan/attapulgitite composites: Equilibrium, thermodynamics and kinetics	Zou, Xiaohua / Pan, Jianming / Ou, Hongxiang / Wang, Xue / Guan, Wei / Li, Chunxiang / Yan, Yongsheng / Duan, Yuqing, Chemical Engineering Journal, 167 (1), p.112-121, Feb 2011	doi:10.1016/j.cej.2010.12.009	2300	FlowSorb
Aflatoxin Toxicity Reduction in Feed by Enhanced Binding to Surface-Modified Clay Additives	Jaynes, William F. / Zartman, Richard E., Toxins, 3 (6), p.551-565, Jun 2011	doi:10.3390/toxins3060551	2300	FlowSorb
ALEXANDER CARREÑO G.(, EDUARDO SCHOTT V.(, XIMENA ZÁRATE B.(, RAMIRO ARRATIA-PEREZ (, JUAN CARLOS VEGA DE K.(2), MIGUEL ...	R ARRATIA-PEREZ, JCV DE K - J. Chil. Chem. Soc, 2011 - Scielo Chile		2300	FlowSorb
Aluminium(III) fluoride originating from decomposition of hydrazinium fluoroaluminate(III) under oxidative conditions: Syntheses, X-ray photoelectron spectroscopy and some catalytic reactions	Skapin, Tomaž / Mazej, Zoran / Makarowicz, Anna / Jesih, Adolf / Nickkho-Amiry, Mahmood / Schroeder, Sven L.M. / Weiher, Norbert / (...) / Winfield, John M., Journal of Fluorine Chemistry, 132 (10), p.703-712, Oct 2011	doi:10.1016/j.jfluchem.2011.04.013	2300	FlowSorb
Analysis of Bronchoalveolar Lavage Fluid Adhering to Lung Surfactant—Experiment on Intratracheal Instillation of Nickel Oxide with Different Diameters—	C KADOYA, A OGAMI, Y MORIMOTO, T MYOJO... - Industrial health, 2011 - J-STAGE		2300	FlowSorb
Assessment of the effect of nanomaterials on sediment-dwelling invertebrate Chironomus tentans larvae	Oberholster, P.J. / Musee, N. / Botha, A.-M. / Chelule, P.K. / Focke, W.W. / Ashton, P.J., Ecotoxicology and Environmental Safety, 74 (3), p.416-423, Mar 2011	doi:10.1016/j.ecoenv.2010.12.012	2300	FlowSorb
Biochemical and histopathological evaluation of functionalized single-walled carbon nanotubes in Swiss–Webster mice	A Patlolla, B McGinnis... - Journal of Applied ..., 2011 - Wiley Online Library		2300	FlowSorb
Biomass gasification in an atmospheric fluidised bed: Tar reduction with experimental iron-based granules from Höganäs AB, Sweden	Nemanova, Vera / Nordgreen, Thomas / Engvall, Klas / Sjöström, Krister, Catalysis Today, 176 (1), p.253-257, Nov 2011	doi:10.1016/j.cattod.2010.12.019	23xx	FlowSorb

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Catalytic wet peroxide oxidation of phenol solutions over CuO/CeO <sub>2</sub> systems	Massa, Paola / Ivorra, Fernando / Haure, Patricia / Fenoglio, Rosa, Journal of Hazardous Materials, 190 (1-3), p.1068-1073, Jun 2011	doi:10.1016/j.jhazmat.2011.03.033	2300	FlowSorb
Cellulose microfiber functionalized with N,N'-bis (2-aminoethyl)-1,2-ethanediamine as a solid sorbent for the fast preconcentration of Cd(II) in flow system analysis	de Oliveira, Fernanda Midori / Somera, Bruna Fabrin / Corazza, Marcela Zanetti / Yabe, Maria Josefa Santos / Segatelli, Mariana Gava / Ribeiro, Emerson Schwingel / Lima, Éder Cláudio / (...) / Tarley, César Ricardo Teixeira, Talanta, 85 (5), p.2417-2424, Oct 2011	doi:10.1016/j.talanta.2011.07.088	2300	FlowSorb
Chemical modification of hemp fibers by silane coupling agents	A Rachini, M Le Troedec, C Peyratout... - Journal of Applied ..., 2011 - Wiley Online Library		1330, 2300	AccuPyc, FlowSorb
Chemical stability and extent of isomorphous substitution in ferrites precipitated under ambient temperatures	Klas, Sivan / Dubowski, Yael / Lahav, Ori, Journal of Hazardous Materials, 193, p.59-64, Oct 2011	doi:10.1016/j.jhazmat.2011.07.023	2300	FlowSorb
Clarification of photocatalysis induced by iron ion species naturally contained in a clay compound	S Kakuta, T Okayama, M Kato, A Oda... - Catalysis Science & ..., 2011 - pubs.rsc.org		2300	FlowSorb
Combustion activities of the Ru catalysts supported on hexagonal YbFeO <sub>3</sub>	Y MASUDA, S HOSOKAWA, M INOUE - Journal of the Ceramic Society of ..., 2011 - J-STAGE		2300	FlowSorb
Comparison of Li [Li <sub>1/9</sub> Ni <sub>1/3</sub> Mn <sub>5/9</sub> ] O <sub>2</sub> , Li [Li <sub>1/5</sub> Ni <sub>1/5</sub> Mn <sub>3/5</sub> ] O <sub>2</sub> , LiNi <sub>0.5</sub> Mn <sub>1.5</sub> O <sub>4</sub> , and LiNi <sub>2/3</sub> Mn <sub>1/3</sub> O <sub>2</sub> as High Voltage Positive Electrode ...	F Zhou, X Zhao, A van Bommel, X Xia... - Journal of The ..., 2011 - jes.ecsdl.org		2300	FlowSorb
Comparison of spray freeze drying and the solvent evaporation method for preparing solid dispersions of baicalein with Pluronic F68 to improve dissolution and oral ...	X He, L Pei, HHY Tong, Y Zheng - AAPS PharmSciTech, 2011 - Springer		2310	FlowSorb

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Comparison of the Reactivity of Na <sub>x</sub> C <sub>6</sub> and Li <sub>x</sub> C <sub>6</sub> with Non-Aqueous Solvents and Electrolytes	X Xia, MN Obrovac, JR Dahn - Electrochemical and Solid-State Letters, 2011 - esl.ecsdl.org	2300	FlowSorb
Controlled nucleation in freeze-drying: Effects on pore size in the dried product layer, mass transfer resistance, and primary drying rate	AK Konstantinidis, W Kuu, L Otten... - Journal of ..., 2011 - Wiley Online Library	2300	FlowSorb
Core-shell structured ferrite-silsesquioxane-epoxy nanocomposites: Composite homogeneity and mechanical and magnetic properties	RT Olsson, MS Hedenqvist, V Ström... - Polymer Engineering ..., 2011 - Wiley Online Library	1330, 2300	AccuPyc, FlowSorb
Decreasing Moisture Susceptibility of Gravel Road Surface Aggregate by Hydrophobic Treatment Agent	K Pylkkänen, M Sjöberg - Transportation Research Record: ..., 2011 - Trans Res Board	2300, 5000	FlowSorb, SediGraph
Development of a Carbon Paste Electrode for Lactate Detection Based on Meldola's Blue Adsorbed on Silica Gel Modified with Niobium Oxide and Lactate Oxidase	AC Pereira, A Kisner, CRT Tarley, LT Kubota - Electroanalysis, 2011 - Wiley Online Library	2300	FlowSorb
Development of new polymer-BaTiO <sub>3</sub> -composites with improved permittivity for embedded capacitors	T Hanemann, H Gesswein, B Schumacher - Microsystem Technologies, 2011 - Springer	2300	FlowSorb
Direct NO decomposition over a Ce-Mn mixed oxide modified with alkali and alkaline earth species and CO <sub>2</sub> -TPD behavior of the catalysts	Hong, Won-Jong / Iwamoto, Shinji / Inoue, Masashi, Catalysis Today, 164 (1), p.489-494, Apr 2011	doi:10.1016/j.cattod.2010.10.2300 .063	FlowSorb
Dry reforming of methane in a stagnation-flow reactor using Rh supported on strontium-substituted hexaaluminate	McGuire, Nicholas E. / Sullivan, Neal P. / Deutschmann, Olaf / Zhu, Huayang / Kee, Robert J., Applied Catalysis A: General, 394 (1-2), p.257-265, Feb 2011	doi:10.1016/j.apcata.2011.01.2300 .009	FlowSorb

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Effect of Co-content on the structure and activity of Co–Al hydrotalcite-like materials as catalyst precursors for CO oxidation	Gabrovska, Margarita / Edreva-Kardjieva, Rumeana / Tenchev, Krasimir / Tzvetkov, Peter / Spojakina, Alla / Petrov, Lachezar, Applied Catalysis A: General, 399 (1-2), p.242-251, May 2011	doi:10.1016/j.apcata.2011.04 2300 .007	FlowSorb
Effect of Fe, Ga, Ti and Nb substitution in $\gamma$ -SbVO <sub>4</sub> for propane ammoxidation	Wickman, Andreas / Andersson, Arne, Applied Catalysis A: General, 391 (1-2), p.110-117, Jan 2011	doi:10.1016/j.apcata.2010.04 2300 .041	FlowSorb
Effect of Mn content on physical properties of CeO <sub>x</sub> –MnO <sub>y</sub> support and BaO–CeO <sub>x</sub> –MnO <sub>y</sub> catalysts for direct NO decomposition	Hong, Won-Jong / Iwamoto, Shinji / Hosokawa, Saburo / Wada, Kenji / Kanai, Hiroyoshi / Inoue, Masashi, Journal of Catalysis, 277 (2), p.208-216, Jan 2011	doi:10.1016/j.jcat.2010.11.00 2300 7	FlowSorb
Effects of the nature of the doping salt and of the thermal pre-treatment and sintering temperature on Spark Plasma Sintering of transparent alumina	Roussel, Nicolas / Lallemand, Lucile / Durand, Bernard / Guillemet, Sophie / Ching, Jean-Yves Chane / Fantozzi, Gilbert / Garnier, Vincent / Bonnefont, Guillaume, Ceramics International, 37 (8), p.3565-3573, Dec 2011	doi:10.1016/j.ceramint.2011. 2300, 9xxx 05.152	FlowSorb, AutoPore
Examination of Polystyrene by Inverse GC: Part 1. Below Glass Transition Temperature	A Aşkın, SS Etöz, D Topaloğlu Yazıcı, F Tümsük - Chromatographia, 2011 - Springer	2300	FlowSorb
Extent and mechanism of metal ion incorporation into precipitated ferrites	Klas, Sivan / Dubowski, Yael / Pritosiwi, Gumelar / Gerth, Joachim / Calmano, Wolfgang / Lahav, Ori, Journal of Colloid and Interface Science, 358 (1), p.129-135, Jun 2011	doi:10.1016/j.jcis.2011.02.04 2300 6	FlowSorb
Fatty Acid Surfactant Structure–Feedstock Flow Properties: Correlation for High-Pressure Ceramic Injection Molding	T Hanemann, R Heldele - International Journal of Applied ..., 2011 - Wiley Online Library	2300	FlowSorb
High-precision absolute (true) density measurements on hygroscopic powders by gas pycnometry: Application to determining effects of formulation and process on ...	T Kikuchi, BS Wang, MJ Pikal - Journal of pharmaceutical ..., 2011 - Wiley Online Library	1330, 2300	AccuPyc, FlowSorb

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Improvement of oil adsorption performance by a sponge-like natural vermiculite-carbon nanotube hybrid	Zhao, Meng-Qiang / Huang, Jia-Qi / Zhang, Qiang / Luo, Wei-Liang / Wei, Fei, Applied Clay Science, 53 (1), p.1-7, Jul 2011	doi:10.1016/j.clay.2011.04.023	2300, 9510	FlowSorb, AutoPore
Influence of carbon black on slurry compositions for tape cast porous piezoelectric ceramics	Mercadelli, E. / Sanson, A. / Pinasco, P. / Roncari, E. / Galassi, C., Ceramics International, 37 (7), p.2143-2149, Sep 2011	doi:10.1016/j.ceramint.2011.03.058	2300	FlowSorb
Influence of Soluble Feed Proteins and Clay Additive Charge Density on Aflatoxin Binding in Ingested Feeds	WF Jaynes, RE Zartman - cdn.intechweb.org		2300	FlowSorb
Interference between nanoparticles and metal homeostasis	A N Petit / C Aude Garcia / S Candéias / A Casanova / P Catty / P Charbonnier / M Chevallet / (...) / I Michaud-Soret, Journal of Physics: Conference Series, 304 (1), p.012035, Jul 2011	doi:10.1088/1742-6596/304/1/012035	2300	FlowSorb
Investigation of solid phase upon $\gamma$ -irradiation of ferrihydrite-ethanol suspension	Jurkin, Tanja / Zadro, Krešo / Gotić, Marijan / Musić, Svetozar, Radiation Physics and Chemistry, 80 (7), p.792-798, Jul 2011	doi:10.1016/j.radphyschem.2011.02.031	2300	FlowSorb
Ion-imprinted PHEMA based monolith for the removal of Fe <sup>3+</sup> ions from aqueous solutions	S Özkara, M Andaç, V Karakoç, R Say... - Journal of Applied ..., 2011 - Wiley Online Library		2300	FlowSorb
Isomerization of n-Hexadecane over Pt-WO <sub>3</sub> Catalysts Supported on TiO <sub>2</sub> -SiO <sub>2</sub> Mixed Oxides Synthesized by Glycothermal Method	細川三郎, 上島祥太, 久保浩一, 金井宏倣... - Journal of the Japan ..., 2011 - J-STAGE		2300	FlowSorb
Material characterizations and copper, zinc, and lead removing capacity of Cayırhan fly ash	ET TUZCU, MU ATALAY - Turkish J. Eng. Env. Sci, 2011 - journals.tubitak.gov.tr		2300	FlowSorb

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Mechanosorption of Co <sub>2</sub> by silicates: mechanism, kinetics and possible applications	AK Kalinkin - 2011 - eprints.nmlindia.org	2300	FlowSorb
Modelling of the sulfuric acid leaching of mechanically activated titanite	Kalinkin, A.M. / Kalinkina, E.V., Hydrometallurgy, 108 (3-4), p.189-194, Jul 2011	doi:10.1016/j.hydromet.2011.04.011 2300	FlowSorb
NaCrO <sub>2</sub> is a Fundamentally Safe Positive Electrode Material for Sodium-Ion Batteries with Liquid Electrolytes	X Xia, JR Dahn - Electrochemical and Solid-State Letters, 2011 - esl.ecsdl.org	2300	FlowSorb
Nitrogen mineralization dynamics of meat bone meal and cattle manure as affected by the application of softwood chips biochar in soil	P Tammeorg, T Brandstaka, A Simojoki, J Helenius - smts.fi	2300	FlowSorb
On the nature of active sites in MoVTeO and MoVTeNbO catalysts: The influence of catalyst activation temperature	Concepción, P.; Hernández, S.; Nieto, J.M. López, Applied Catalysis A: General, 391 (1-2), p.92-101, Jan 2011	doi:10.1016/j.apcata.2010.05.011 2000, 230x, 2900	ASAP, FlowSorb, TPD/TPR
Optimized synthesis method for K/Co <sub>3</sub> O <sub>4</sub> catalyst towards direct decomposition of N <sub>2</sub> O	H Yoshino, CH Ohnishi, S Hosokawa, K Wada... - Journal of Materials ..., 2011 - Springer	2300	FlowSorb
Oxidation of methanol to formaldehyde on cation vacant Fe-V-Mo-oxide	Massa, Mariano / Häggblad, Robert / Hansen, Staffan / Andersson, Arne, Applied Catalysis A: General, In Press, Corrected Proof, Sep 2011	doi:10.1016/j.apcata.2011.09.015 2300, 2900	FlowSorb, TPD/TPR
Physical-chemistry of sodium silicate gelation in an alkaline medium	MT Tognonvi, S Rossignol, JP Bonnet - Journal of sol-gel science and ..., 2011 - Springer	2300	FlowSorb



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Precipitation of amorphous SiO <sub>2</sub> particles and their properties	S Musić, N Filipović-Vinceković... - Brazilian Journal of ..., 2011 - SciELO Brasil	2300	FlowSorb
Preparation and photoactivity of samarium loaded anatase, brookite and rutile catalysts	Bellardita, M. / Di Paola, A. / Palmisano, L. / Parrino, F. / Buscarino, G. / Amadelli, R., Applied Catalysis B: Environmental, 104 (3-4), p.291-299, May 2011	doi:10.1016/j.apcatb.2011.03.016 2300	FlowSorb
Preparation of Sm-loaded brookite TiO <sub>2</sub> photocatalysts	Di Paola, A. / Bellardita, M. / Marci, G. / Palmisano, L. / Parrino, F. / Amadelli, R., Catalysis Today, 161 (1), p.35-40, Mar 2011	doi:10.1016/j.cattod.2010.11.016 2300	FlowSorb
Pt and Pd nanoparticles supported on structured materials as catalysts for the selective reductive amination of carbonyl compounds	Domine, Marcelo E. / Hernández-Soto, M. Consuelo / Navarro, María T. / Pérez, Yolanda, Catalysis Today, 172 (1), p.13-20, Aug 2011	doi:10.1016/j.cattod.2011.05.013 2300	FlowSorb
Removal of Chemazol Reactive Red 195 from aqueous solution by dehydrated beet pulp carbon	Dursun, Arzu Y. / Tepe, Ozlem, Journal of Hazardous Materials, 194, p.303-311, Oct 2011	doi:10.1016/j.jhazmat.2011.07.105 2300	FlowSorb
Selective CO oxidation over monolithic Au <sup>0</sup> /MgO/Al <sub>2</sub> O <sub>3</sub> catalysts	S Özdemir, ZI Önsan, R Yıldırım - Journal of Chemical ..., 2011 - Wiley Online Library	2300	FlowSorb
Selective removal of 17 $\beta$ -estradiol with molecularly imprinted particle-embedded cryogel systems	Koç, İlker / Baydemir, Gözde / Bayram, Engin / Yavuz, Handan / Denizli, Adil, Journal of Hazardous Materials, 192 (3), p.1819-1826, Sep 2011	doi:10.1016/j.jhazmat.2011.07.017 2300	FlowSorb
Selective three-phase hydrogenation of aromatic nitro-compounds over $\beta$ -molybdenum nitride	Cárdenas-Lizana, Fernando / Lamey, Daniel / Gómez-Quero, Santiago / Perret, Noémie / Kiwi-Minsker, Lioubov / Keane, Mark A., Catalysis Today, 173 (1), p.53-61, Sep 2011	doi:10.1016/j.cattod.2011.03.084 2300	FlowSorb

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Síntesis de nanocompositos de ZrO <sub>2</sub> nanotubos de carbono-Mo	MA Veloz Rodríguez - uaeh.edu.mx		2300	FlowSorb
Spark plasma sintering of alumina: Study of parameters, formal sintering analysis and hypotheses on the mechanism(s) involved in densification and grain growth	Santanach, J. Gurt / Weibel, A. / Estournès, C. / Yang, Q. / Laurent, Ch. / Peigney, A., Acta Materialia, 59 (4), p.1400-1408, Feb 2011	doi:10.1016/j.actamat.2010.11.002	2300	FlowSorb
Study of a Preparation of Mordenite Supported Pt/Ga/K Catalysts for Chemical	W Trakarnpruk - Journal of Science and Technology ..., 2011 - thailand.digitaljournals.org		2300, 2900	FlowSorb, TPD/TPR
Study of hepatotoxicity and oxidative stress in male Swiss-Webster mice exposed to functionalized multi-walled carbon nanotubes	AK Patlolla, A Berry, PB Tchounwou - Molecular and cellular biochemistry, 2011 - Springer		2300	FlowSorb
Surface-modified silica nanoparticles for tumor-targeted delivery of camptothecin and its biological evaluation	Botella, Pablo / Abasolo, Ibane / Fernández, Yolanda / Muniesa, Carlos / Miranda, Sonia / Quesada, Manuel / Ruiz, Jorge / (...) / Corma, Avelino, Journal of Controlled Release, 156 (2), p.246-257, Dec 2011	doi:10.1016/j.jconrel.2011.06.039	2300	FlowSorb
Synergistic effects of high-frequency ultrasound on photocatalytic degradation of aldehydes and their intermediates using TiO <sub>2</sub> suspension in water	Sekiguchi, Kazuhiko / Sasaki, Chie / Sakamoto, Kazuhiko, Ultrasonics Sonochemistry, 18 (1), p.158-163, Jan 2011	doi:10.1016/j.ultsonch.2010.04.008	2305	FlowSorb
Synthesis gas conversion over a Rh-K-MoP/SiO <sub>2</sub> catalyst	Zaman, Sharif F. / Smith, Kevin J., Catalysis Today, 171 (1), p.266-274, Aug 2011	doi:10.1016/j.cattod.2011.02.017	2300, 2920	FlowSorb, AutoChem
Synthesis of CeO <sub>2</sub> -ZrO <sub>2</sub> solid solution by glycothermal method and its oxygen release capacity	Hosokawa, Saburo / Imamura, Seiichiro / Iwamoto, Shinji / Inoue, Masashi, Journal of the European Ceramic Society, 31 (14), p.2463-2470, Nov 2011	doi:10.1016/j.jeurceramsoc.2011.02.009	2300	FlowSorb

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Synthesis of flower like zinc oxide nanostructure and its application as a photocatalyst	Kansal, Sushil Kumar / Ali, Ahmed Hassan / Kapoor, Seema / Bahnemann, Detlef W., Separation and Purification Technology, 80 (1), p.125-130, Jul 2011	doi:10.1016/j.seppur.2011.04.019	2300	FlowSorb
Synthesis of high quality single-walled carbon nanotubes on natural sepiolite and their use for phenol absorption	Nie, Jing-Qi / Zhang, Qiang / Zhao, Meng-Qiang / Huang, Jia-Qi / Wen, Qian / Cui, Yu / Qian, Wei-Zhong / Wei, Fei, Carbon, 49 (5), p.1568-1580, Apr 2011	doi:10.1016/j.carbon.2010.12.039	2300	FlowSorb
Technological behaviour and recycling potential of spent foundry sands in clay bricks	Alonso-Santurde, R. / Andrés, A. / Viguri, J.R. / Raimondo, M. / Guarini, G. / Zanelli, C. / Dondi, M., Journal of Environmental Management, 92 (3), p.994-1002, Mar 2011	doi:10.1016/j.jenvman.2010.11.004	2300	FlowSorb
The preparation of double-walled carbon nanotube/Cu composites by spark plasma sintering, and their hardness and friction properties	Guideroni, Ch. / Estournès, C. / Peigney, A. / Weibel, A. / Turq, V. / Laurent, Ch., Carbon, 49 (13), p.4535-4543, Nov 2011	doi:10.1016/j.carbon.2011.06.063	2300	FlowSorb
Thermal and catalytic degradation of polyethylene wastes in the presence of silica gel, 5A molecular sieve and activated carbon	González, Yovana Sander / Costa, Carlos / Márquez, M. Carmen / Ramos, Pedro, Journal of Hazardous Materials, 187 (1-3), p.101-112, Mar 2011	doi:10.1016/j.jhazmat.2010.12.121	2300	FlowSorb
Thermal stabilities of hexagonal and orthorhombic YbFeO <sub>3</sub> synthesized by solvothermal method and their catalytic activities for methane combustion	S Hosokawa, HJ Jeon, M Inoue - Research on Chemical Intermediates, 2011 - Springer		2300	FlowSorb
Thermodynamics, Kinetics and Adsorption Properties of Some Biomolecules onto Mineral Surfaces	O Demirbaş, M Alkan - 2011 - intechopen.com		2300	FlowSorb
Ultrafine Grinding of Oxide Powders with a Controlled Viscosity of Slurries	D Houivet, R Quercioli, B Itaalit... - Advanced ..., 2011 - Wiley Online Library		2300	FlowSorb

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Understanding Study of Silicate Based Gel Formed during the Setting Ceramic Materials	MT Tognonvi, S Rossignol... - Advances in Science and ..., 2011 - Trans Tech Publ		2300	FlowSorb
USING Fe-PILC as catalyst	Embaid, B.P. / Biomorgi, Jose G. / Gonzalez-Jimenez, F. / Pérez-Zurita, M. Josefina / Scott, Carlos E., Applied Catalysis A: General, 400 (1-2), p.166-170, Jun 2011	doi:10.1016/j.apcata.2011.04.033	2300	FlowSorb
Visible light photocatalytic activities of S-doped TiO <sub>2</sub> -Fe <sup>3+</sup> in aqueous and gas phase	Menéndez-Flores, Víctor M. / Bahnemann, Detlef W. / Ohno, Teruhisa, Applied Catalysis B: Environmental, 103 (1-2), p.99-108, Mar 2011	doi:10.1016/j.apcatb.2011.01.015	2300	FlowSorb
Water-gas shift activity of K-promoted (Ni) Mo/γ-Al <sub>2</sub> O <sub>3</sub> systems in sulfur-containing feed	D Nikolova, R Edreva-Kardjieva... - Reaction Kinetics, ..., 2011 - akademiai.com		2300	FlowSorb