

44. K. Otsuka, Y. Wang, M. Nakamura, Direct conversion of methane to synthesis gas through gas-solid reaction using $\text{CeO}_2\text{-ZrO}_2$ solid solution at moderate temperature. *Appl. Catal. A* **183**, 317–324 (1999). doi:10.1016/S0926-860X(99)00070-8
45. T. Yuzhakova, V. Rakić, C. Guimon, A. Auroux, Preparation and characterization of $\text{Me}_2\text{O}_3\text{-CeO}_2$ (Me = B, Al, Ga, In) mixed-oxide catalysts. *Chem. Mater.* **19**, 2970–2981 (2007). doi:10.1021/cm062912r
46. C. Martin, A. Perrard, J.P. Joly, F. Gaillard, V. Delecroix, Dynamic adsorption on activated carbons of SO_2 traces in air I. Adsorption capacities. *Carbon* **40**, 2235–2246 (2002)
47. A. Abu, S. Smith, Mechanistic characterization of adsorption and slow desorption of Phenanthrene aged in soils. *Environ. Sci. Technol.* **40**, 5409–5414 (2006). doi:10.1021/es060489h
48. S. Preis, J.L. Falconer, R. del Prado Asensio, N.C. Santiago, A. Kachina, J. Kallas, Photocatalytic oxidation of gas-phase methyl tert-butyl ether and tert-butyl alcohol. *Appl. Catal. B-Environ.* **64**, 79–87 (2006). doi:10.1016/j.apcatb.2005.11.002
49. M. Ischia, C. Perazzolli, R. Dal Maschio, R. Campostrini, Pyrolysis study of sewage sludge by TG-MS and TG-GC-MS coupled analyses. *J. Therm. Anal. Calorim.* **87**, 567–574 (2007). doi:10.1007/s10973-006-7690-3
50. H.J. Lehmler, W. Xie, G.D. Bothun, P.M. Bummer, B.L. Knutson (2006) Mixing of perfluorooctanesulfonic acid (PFOS) potassium salt with dipalmitoyl phosphatidylcholine (DPPC). *Colloid. Surf. B* **51**: 25–29. doi:10.1016/j.colsurfb.2006.05.013
51. S. Gorinstein, S. Moncheva, F. Toledo, P. Arancibia-Avila, S. Trakhtenberg, A. Gorinstein, I. Goshev, J. Namiesnik, Relationship between seawater pollution and qualitative changes in the extracted proteins from mussels *mytilus galloprovincialis*. *Sci. Total. Environ.* **364**, 251–259 (2006). doi:10.1016/j.scitotenv.2005.06.013