

## Załącznik 2: Wykaz znaczących publikacji wnioskodawcy/ zespołu z ostatnich 3 lat

1. M. Najbar, F. Mizukami, P. Kornelak, A. Weselucha-Birczyńska, B. Borzęcka-Prokop, E. Bielańska, A. Białas, J. Banaś, D. Su; Studies of Processes Occurring during Alkoxide Derived V-O-W Unsupported Catalyst Formation; *Catal. Today*, 90 (2004) 93.
2. P. Kornelak, F. Mizukami, A. Weselucha-Birczyńska, L. Proniewicz, G. Djega-Mariadassou, A. Białas, M. Najbar; Evolution of active species of nanostructured anatase – supported V-O-Mo catalyst in the course of reduction and oxidation; *Catal. Today*, 90 (2004) 103.
3. P. Kornelak, A. Michalak, M. Najbar; A comparison of the electronic structure and NO adsorption on the (001)-V<sub>2</sub>O<sub>5</sub> surfaces and (001)-V<sub>2</sub>O<sub>5</sub> surfaces with Mo defects - DFT cluster studies; *Catal. Today*, 101 (2005) 175.
4. J. Camra, E. Bielańska, A. Bernasik, K. Kowalski, M. Zimowska, A. Białas, M. Najbar; Role of Al segregation and high affinity to oxygen in formation of adhesive alumina layers on FeCr alloy support; *Catal. Today*, 105 (2005) 629.
5. M. Zimowska, J. B. Wagner, J. Dziedzic, J. Camra, B. Borzęcka-Prokop, M. Najbar; Some aspects of metal-support strong interactions in Rh/Al<sub>2</sub>O<sub>3</sub> catalyst under oxidising and reducing conditions; *Chem. Phys. Lett.*, 417 (2006) 137.
6. J. Banaś, A. Weselucha-Birczyńska, J. Camra, B. Borzęcka-Prokop, M. Najbar; Reconstruction of the surfach structure of V-O-W/Ti(Sn)O<sub>2</sub> catalyst bas a result of redox processes; *Pol. J. Environ. Stud.*, 15, N<sup>o</sup> 6A (2006) 7.
7. P. Kornelak, M. Szymoński, F. Krok, G. Goryl, B. Borzęcka-Prokop, A. Weselucha-Birczyńska, M. Najbar; The characterisation of the surface of model V-O-Mo catalyst; *Pol. J. Environ. Stud.*, 15, N<sup>o</sup> 6A (2006) 66.
8. A. Białas, B. Borzęcka-Prokop, A. Weselucha-Birczyńska, J. Camra, M. Najbar; Evolution of surface vanadia-like species on unsupported V-O-W catalyst for NO decomposition in the course of redox – treatment; *Catal. Today*, 119 (2007) 194.
9. J. Banaś, V. Tomašić, A. Weselucha-Birczyńska, M. Najbar; Structural sensitivity of NO decomposition over a V-O-W/Ti(Sn)O<sub>2</sub> catalyst; *Catal. Today*, 119 (2007) 199.
10. A. Pietraszek, P. Da Costa, R. Marques, P. Kornelak, T. W. Hansen, J. Camra, M. Najbar; The effect of the Rh-Al, Pt-Al and Pt-Rh-Al surface alloys on NO conversion to N<sub>2</sub> on alumina supported Rh, Pt and Pt-Rh catalysts; *Catal. Today*, 119 (2007) 187.
11. P. Kornelak, B. Borzęcka-Prokop, L. Lityńska-Dobrzyńska, J. Wagner, D. S. Su, J. Camra, A. Weselucha-Birczyńska; The physicochemical properties of rutile-supported V-O-Mo catalyst; *Catal. Today*, 204 (2007) 187.