

# Kamil Kwiatkowski

## Lista publikacji

z dnia 31 października 2013

### Książki i monografie

1. Bajer, K., Kopeć, J., Kursa, M., Kwiatkowski, K., Podziemski, P., (edycja), **Advances in Turbulence XIII. Proceedings of the 13th European Turbulence Conference (ETC13), 12-15 September 2011, University of Warsaw, Poland.** *Journal of Physics: Conference Series* vol. 318, Institute of Physics, 2011
2. Dudyński, M., Kwiatkowski, K., Sosnowska, M. **Solid residues from gasification of biomass', [w:] 14th International Waste Management and Landfill Symposium**, 2013
3. Van Dyk, J.C., Kwiatkowski, K., Dudyński, M., Bajer, K. **Industrial-scale fixed bed gasification experiment [w:] Proceedings from the 30th Annual International Pittsburgh Coal Conference**, 2013
4. Kwiatkowski, K., Krzysztoforski, J., Bajer, K., Dudyński, M., **Gasification of feathers for energy production - A case study, [w:] Proceedings of the 20th European Biomass Conference and Exhibition (EU BC&E 2012), 18-22 June 2012, Milan, Italy**, ETA-Florence Renewable Energies, 2012: 1858-1862
5. Kwiatkowski, K., Krzysztoforski, J., Bajer, K., Dudyński, M. **The efficiency of heat production from the gasification of feathers, [w:] Proceedings of the Fourth International Symposium on Energy from Biomass and Waste VENICE 2012**, International Waste Working Group, 2012
6. Kumala, W., Klimczewski, P., Malinowski, S.P., Kwiatkowski, K., Wędołowski, K., Kopeć, J. **Improved thermometer for high-resolution airborne measurements [w:] Proceedings from 16th International Conference on Clouds and Precipitation**, 2012
7. Kwiatkowski, K., Dutka, M., Gryglas, W., Korotko, J., Dudyński, M., Bajer, K. **Heat transfer in fixed-bed biomass gasification, [w:] Numerical Heat Transfer 2012. Proceedings of the ECCOMAS Special Interest Conference, 4-6 September 2012, Gliwice-Wrocław, Poland**, Nowak, A.J., Białecki, R.A., 2012: 274-275
8. Kwiatkowski, K., Jasiński, D., Bajer, K., Dudyński, M., **Path to controllable and optimised syngas combustion, [w:] Eco-energetics - biogas and syngas**, Cenian A., Gołaszewski J., Noch, T., Gdańsk College of Administration, 2011: 145-150
9. Dudyński, M., Kwiatkowski, K., Bajer, K., **From waste to syngas - industrially applicable technology, [w:] Eco-energetics - biogas and syngas**, Cenian A., Gołaszewski J., Noch, T., Gdańsk College of Administration, 2011: 103-112
10. Kwiatkowski, K., Dudyński, M., Sosnowska, M., Bajer, K., **Syngas from poultry feathers - production, composition, properties and applications, [w:] Proceedings of the International Conference on Carbon Reduction Technologies CaReTECH 2011, 19-22 September 2011, Polish Jurassic Highland, Poland**, Książdz, A., Werle, S., 2011: 145-146
11. Kwiatkowski, K., Górecki, B., Korotko, J., Żuk, P., Bajer, K., Dudyński, M. **Numerical modelling of biomass gasification - from zonal model to CFD approach, [w:] Proceedings of the International Conference on Carbon Reduction Technologies CaReTECH 2011, 19-22 September 2011, Polish Jurassic Highland, Poland**, Książdz, A., Werle, S., 2011: 112-113
12. Dudyński, M., Bajer, K., Kwiatkowski, K., **Gasification - first step in effective burning of biomass waste feather [w:] Proceedings of 21st International Symposium on Combustion Processes, 14-17 September 2010, Międzyzdroje, Poland**, Getka R., 2011: 52-55

## Publikacje w czasopismach

1. Kwiatkowski, K., Krzysztoforski, J., Bajer, K., Dudyński, M., 2013, **Bioenergy from feathers gasification - performance and efficiency analysis**, *Biomass and Bioenergy* 59C: 402:411
2. Kwiatkowski, K., Dudyński, M., Bajer, K., 2013, **Combustion of low-calorific waste biomass syngas**, *Flow Turbulence and Combustion* 91(4): 749-772
3. Kwiatkowski, K., Górecki, B., Gryglas, W., Korotko, J., Dudyński, M., Bajer, K., 2013, **Numerical modelling of biomass pyrolysis –heat and mass transport models**, *Numerical Heat Transfer Part A Applications* 64(3): 216-234
4. Kwiatkowski, K., Bajer, K., Wędołowski, K., 2012, **Turbulent combustion of the biomass syngas**, *Archives of Mechanics* 64(5): 511-527
5. Dudyński, M., Kwiatkowski, K., Bajer, K., 2012, **From feathers to syngas - technologies and devices**, *Waste Management* 32(4): 685-691
6. Kwiatkowski, K., Jasiński, D., Bajer, K., 2011, **Numerical simulations of industrial-scale combustion chamber - LES versus RANS**, *Journal of Physics: Conference Series* 318: 092009
7. Wędołowski, K., Bajer, K., Kwiatkowski, K., 2011, **Analysis and modelling of the effective reaction rate in a developing mixing layer**, *Journal of Physics: Conference Series* 318: 092026
8. Kwiatkowski, K., Bajer, K., 2010, **Mixing in the vicinity of the vortex** *Mathematical Sciences and Applications* 32: 419–427
9. Rowiński, P., Guymmer, I., Kwiatkowski, K., 2008, **Response to the slug injection of a tracer – large scale experiment in a natural river**, *Hydrological Sciences Journal* 53(6): 1300-1309