

Experimental analysis of heat transfer in packed beds with air flow. João. C. Thoméo, Cláudia O. Rouiller, and José T. Freire. *Industrial & Engineering Chemistry Research* **2004** Volume 43 Issue 15 Pages 4140-4148

CFD flow and heat transfer in nonregular packings for fixed bed equipment design. Alfredo Guardo, Miguel Coussirat, M. Angels Larrayoz, Francesc Recasens, and Eduard Egusquiza. *Industrial & Engineering Chemistry Research* **2004** Volume 43 Issue 22 Pages 7049-7056

Fully developed flow through a porous channel bounded by flat plates. M.M. Awartani and M.H. Hamdan. *Applied Mathematics and Computation* 2005 Volume 169 Issue 2 Pages 749-757 ISSN 0096-3003

The effect of a transition layer between a fluid and a porous medium: shear flow in a channel. D. A. Nield and A. V. Kuznetsov. *Transport in Porous Media* 2009 Volume 78 Pages 477-487

A criterion for non-Darcy flow in porous media. Zhengwen Zen and Reid Grigg. *Transport in Porous Media* 2006 Volume 63 Pages 57-69 ISSN 0169-3913

Approximate numerical method for prediction of temperature distribution in flow through narrow gaps containing porous media. P. Simacek and S. G. Advani. *Computational Mechanics* 2003 Volume 32 Pages 1-9

Simultaneous heat and fluid flow in porous media: case study: steam injection for tertiary oil recovery. A. Ashanizadegan, Sh. Ayatollahi, and M. Homayoni. *Chemical Engineering Communications* 2008 Volume 195 Pages 521-535
ISSN: 0098-6445

Finite element modelling of flow through a porous medium between two parallel plates using the Brinkman equation. M. Parvazinia, V. Nassehi,*, R. J. Wakeman, and M. H. R. Ghoreishy. *Transport in Porous Media* 2006 Volume 63 Pages 71-90

Coupled Free and Porous Media Flow Solved with COMSOL Multiphysics.
Author unknown. <Date Accessed: March 3rd, 2010.
<http://www.comsol.com/showroom/gallery/170/>>

Comparison of Darcy's Law, the Brinkman Equation, the Modified N-S Equation and the Pure Diffusion Equation in PEM Fuel Cell Modeling. Shi, Z. and Wang, X. *COMSOL Convergence* Oct 4-6 2007 Boston MA.
<Date Accessed: March 5th, 2010.
http://cds.COMSOL.com/access/dl/papers/3102/Shi_pres.pdf>