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Results in the ISI Web of Science database

Number of items:	28
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Number of items:	29
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H-index:	8

DISSERTATION

Mathematical modeling and experimental investigation of two-phase flow in small diameter tubes, Czech Technical University in Prague, Faculty of Mechanical Engineering, Department of Physics, Defended on January 21, 2010

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2. Hielscher S.[§], Jäger A., Vinš V., Breitkopf C., Hrubý J., Span R.: *Modellierung komplexer Phasengleichgewichte unter Berücksichtigung der Formation von gemischten Gashydraten*, (poster), Thermodynamik Kolloquium 2016, Kaiserlautern (Germany), October 5-7, 2016.

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7. Hielscher S.[§], Jäger A., Vinš V., Span R., Hrubý J., Breitkopf C.: *Progress in modeling gas hydrates relevant for CCS using reference equations of state and extension of the model for mixed hydrates*, Annual IAPWS Meeting, Dresden (Germany), September 15, 2016.
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23. Vacek V.[§], Vinš V., Marek R., Doubrava M., Galuška M.: *Feasibility study and pilot testing of the evaporative cooling circuit for TOTEM experiment*, Proceedings of Workshop 2008, CTU Reports, Special issue, Part A - Vol. 12, February 2008, ISBN 978-80-01-04016-4, pp. 58-59.
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35. Vacek, V., Vinš, V.[§], Novák, R.: *An upgrade of the calibration setups for the DAQ systems*; Proceedings of the Workshop 2003, CTU Reports, Special Issue, Part B February 2003 Prague, p. 420-442.
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OTHER

Memberships in Scientific Associations

- Member of the Czech National Committee for the Properties of Water and Steam (CZNCPWS). http://www.czncpws.cz/
- Member of the International Association for the Properties of Water and Steam (IAPWS); namely of the Thermophysical Properties of Water and Steam (TPWS) Working Group. http://www.iapws.org/

Review activities

Reviewer of 33 scientific articles in impacted journals, e.g., Journal of Chemical & Engineering Data, International Journal of Thermophysics, International Journal of Refrigeration, Fluid Phase Equilibria

Awards

- Publication J. Hrubý, V. Vinš, R. Mareš, J. Hykl, J. Kalová: *J. Phys. Chem. Lett.* 5 (2014) 425–428 was selected as the most valuable results of the Institute of Thermomechanics of the CAS achieved in 2014.
- First place in doctoral section D2 at the conference "Studentská tvůrčí činnost" held in April 20, 2006 at the Faculty of Mechanical Engineering at CTU in Prague for the presentation *Design of the capillary tube for the cooling industry use*.
- First place in the 11th competition of the M.Sc. thesis of Zvoníček foundation at the Faculty of Mechanical Engineering at CTU in Prague in the category theoretical fundamentals of the mechanical engineering for the work *Modely proudění kapilárou* (in Czech).