



# **The Petroleum Institute**

## **Record of Scholarly Publications**

**January 1<sup>st</sup> – December 31<sup>st</sup>  
2006**

**Editors:**  
**Dr. Caroline Brandt**  
**Dr. Kirk Duthler**

Editors' notes:

Names in bold in citations indicate Petroleum Institute faculty who are attached to the programme indicated.

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## Introduction

The Petroleum Institute was founded in 2001 as a leading institution of higher engineering education and research, in areas of significance to the oil and gas and the broader energy industries. We are committed to academic excellence, and to fostering an intellectual environment that leads to the development of our graduates as whole persons and as future leaders in their respective fields of expertise in the United Arab Emirates and beyond.

This commitment to academic excellence and the ensuing intellectual environment generate a wealth of research, and to the dissemination of research outcomes in the form of scholarly publications. Citations (that is, the information needed to locate the full text of a publication) for these publications are recorded annually in this *Record of Scholarly Publications*, of which this is the second edition.

It is anticipated that this record will provide the international research community with details of the scale and scope of the work carried out at the Petroleum Institute, as well as highlighting areas of particular faculty expertise. This will enable researchers around the world both to build upon the work of the Institute and to establish dialogue with those engaged in related research, in the continuing quest for enhanced knowledge.

Dr Michael Ohadi  
The Petroleum Institute  
Chief Academic Officer and Executive Director  
Abu Dhabi  
March 2007

## Patents

- **Mechanical Engineering Program**

S. Moghaddam & M. **Ohadi** "Slit-type restrictor for controlling flow delivery to electro hydrodynamic thin film evaporator," U.S. Patent 7 108 056 B1, Sept. 2006.

M. **Ohadi** & S. Dessiatoun, "Electrohydrodynamically (EHD) enhanced heat transfer system and method with an encapsulated electrode," U.S. Patent 7 159 646, Dec. 2006.

## Books

- **Core program: Communication**

C. **Brandt**, *Success on your Certificate Course in English Language Teaching: A Guide to Becoming a Teacher in ELT/TESOL*. London, UK: SAGE Publications Ltd., 2006.

## Edited collections

- **Mechanical Engineering Program**

V. **Eveloy**, P. **Rodgers**, S. **Al Hashimi**, M. **Ohadi** & A. Gupta, (Eds.), *Proceedings of the First International Energy 2030 Conference*, Abu Dhabi: UAE, 2006.

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- **Core program: Communication**

P. Robertson & R. **Nunn** (Eds.) *Study of Second Language Acquisition in the Asian Context*, Asian EFL Journal Press, British Virgin Islands & Seoul, Korea, 2006.

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S. **Stewart**, J. Olearski and D. Thompson (Eds.), *Proceedings of the Second Annual Conference for Middle East Teachers of Science, Mathematics and Computing*, Abu Dhabi, UAE: METSMaC, 2006.

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J. **Williams**, "Fluid sampling," in *Petroleum Engineering Handbook*, J. Fanchi (Ed.) Richardson: Society of Petroleum Engineers, pp. 173-215, 2006.

- **Core program: Communication**

H. **Lim** and F. Sudweeks, "Student perceptions of participation opportunities in online synchronous tutorials," in *Current developments in technology-assisted education*, vol. 2, A. Mendez-Vilas, A. S. Martin, J. M. Gonzalez & J. A. Gonzalez, (Eds.), Badajoz, Spain: FORMATEX, pp. 1486-1490, 2006.

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K. **Alhammadi**, "Applying wide field of view retroreflector technology to free space optical robotic communications," Ph.D. dissertation, Dept. Elect. Eng., North Carolina State Univ., Raleigh, NC, 2006.

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