

Khalil Amine

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Professional Experience

- **February 1998-Present.** Senior scientist and Manager of the Advanced Lithium Battery Technology group at Argonne National Laboratory. Responsible for directing the research and development of advanced materials and battery systems for HEV, PHEV, EV, satellite, military and medical applications.
- **April 1994-February 1998.** Manager, Fundamental Technology Laboratories, Corporate R&D Center, Japan Storage Battery Company, Ltd., Kyoto, Japan.
- **November 1992-March 1994.** Project Leader, Osaka National Research Institute, Agency of Industrial Science and Technology, Ministry of Trade and Industry, Osaka, Japan.
- **November 1990-October 1992.** Research Associate, Department of Industrial Chemistry, Kyoto University, Kyoto, Japan.
- **January 1990-October 1990.** Research Associate, Laboratory of Physico-Chemistry and Physics of Materials, Louven Catholic University, Louven, Belgium,

Education

- Ph.D., Material Science, CNRS, University of Bordeaux 1, France, 1989.
- Master's Degree, Chemistry, University of Bordeaux 1, France, 1986.

Awards

- International Battery Association Award (2010)
- Pacesetter Award, Argonne National Laboratory (2009)
- R&D 100 award (2009)
- US Federal Laboratory Award for Excellence in Technology Transfer (2009)
- R&D 100 award (2008)
- University of Chicago Board of Governors Distinguished Scientist Award (2008)
- R&D 100 Award (2005)
- Illinois Federal Laboratory Award for Excellence in Technology Transfer (2008)
- Scientific American Top Worldwide 50 Research Leader Award (2003)

- Pacesetter Award, Argonne National Laboratory (1999)
- DOE Certificate of Appreciation (1999)
- Japan Storage Battery Association, First Prize Awards (1995, 1996)
- Japanese Science and Technology Agency Award (1992)
- Japan Society for the Promotion of Science Award (1990)
- Louven Catholic University/NATO Award (1990)

Career Activities & Highlights

- Most cited scientist in the world in the field of battery technology from 1998-2008 (<http://sciencewatch.com/ana/fea/08novdecFea/>)
- Organizer and Chair of the 1st International Conference on Advanced Lithium Batteries for Automotive Applications, 2008
- Have given a large number of key note and invited talks at many international conferences dealing with battery materials and battery systems
- Advisor to the U.S. National Research Council and the U.S. National Academy of science on battery related technologies
- Active member of the Electrochemical Society, the Material Research Society and the American Ceramic Society
- Conference international advisory committee member: IMLB, Tianjin China, 2008; African Materials Research Society, 2007; COVAPHOS III Conference, 2009; SAE Hybrid Vehicle Technologies Symposium, 2009; International conference on polymer and fuel cells, 2009; advanced fluorine chemistry conference, USA, 2009

Publications & Patents

- Publications : 254
- Publications *in press* (2009): 8
- Patents, Patent Applications & Inventions: 120