

Curriculum Vitae - Professor Itamar Willner
(Synopsis)

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Academic Background:

1974-1978 Ph.D. Thesis, Physical Organic Chemistry, The Hebrew University of Jerusalem
1978-1980 Post-doctoral fellow, U.C. Berkeley, Physical Chemistry
1980-1981 Staff Scientist and Adjunct Assistant Professor, U.C. Berkeley
1981-1983 Senior Lecturer, Hebrew University of Jerusalem
1983-1986 Associate Professor, Hebrew University of Jerusalem
1986- Professor, Hebrew University of Jerusalem

Research Activities:

Supramolecular Chemistry, Nanotechnology, Nanobiotechnology, Molecular Self-Assembly, Molecular and Biomolecular Machines, Molecular and Biomolecular Electronics, Sensors and Biosensors, Electronics and Photophysics of Nanoparticles and Quantum Dots, Functionalized Monolayers, Molecular Optoelectronics, Optobioelectronics, Photocatalysis, Photoinduced Electron Transfer, Artificial Photosynthesis, Sensors and Biosensors, Biofuel Cells.

Awards and Honors:

Bergmann Award - 1986
Honorary Professor, Osaka University, Osaka, Japan - 1991
Kolthoff Award - 1993
AAAS (American Association for the Advancement of Science) Fellow - 1996
Sandoz-Novartis Award - 1997
The Kaye Innovations Award – 1998, 2004
Max Planck Research Award for International Cooperation – 1998
Israel Chemical Society Award – 2001
Israel Prize in Chemistry – 2002
Member of The Israel Academy of Sciences – 2002
The Klachky Family Prize for the Advancement of the Frontiers of Science – 2003
Member of the European Academy of Sciences and Arts - 2004
Honorary Guest Professorship, Tsinghua University, Beijing, China – 2005
Honorary Professor, East China University of Science and Technology, Shanghai, China – 2007
Rothschild Prize in Chemistry – 2008
EMET Prize in Chemistry (under the auspices of the Prime Minister of Israel) – 2008
Fellow of the Royal Society of Chemistry (FRSC), UK – 2009
Member of the German National Academy of Sciences Leopoldina – 2009
ACS Nano Lectureship Award – 2013
Grand Professor – Technical University Dresden, CFAED program – 2014 and 2015
Thomson Reuters – Highly Cited Researcher and listed in the World's Most Influential Scientific Minds – 2014 and 2015

Publications:

Over 725 papers and 30 patents.
h-index (Web of Science): 114
h-index (Google Scholar): 129