

Daniel Mandler - Curriculum Vitae

1. Personal:

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2. Education:

1980-83 B.Sc. in chemistry graduated with honor, the Hebrew University of Jerusalem.
1983-84 Teaching diploma in chemistry, School of Education the Hebrew University of Jerusalem.
1984-88 Ph.D. in organic chemistry, graduated summa cum laude, the Hebrew University of Jerusalem. Advisor: Prof. I. Willner.
1988-1990 Post-doctoral studies, Department of Chemistry, the University of Texas at Austin, Texas. Advisor: Prof. A. J. Bard.

3. Appointments at the Hebrew University:

1990-94 Lecturer at the Department of Inorganic and Analytical Chemistry, Analytical and Physical Electrochemistry.
1994-98 Senior Lecturer at the Department of Inorganic and Analytical Chemistry, Analytical and Physical Electrochemistry.
1998-03 Associate Professor of Chemistry at the Department of Inorganic and Analytical Chemistry, Analytical and Physical Electrochemistry.
2003- Full Professor of Chemistry at the Department of Inorganic and Analytical Chemistry, Analytical and Physical Electrochemistry.

4. Additional Appointments at the Hebrew University:

2005-07 Head of the chemistry studies at the Hebrew University
2012-06 Vice Dean for Research of the Faculty of Science, the Hebrew University

5. Appointments and Visiting Fellowships in Other Institutes:

June 1997- Department of Electrochemistry, Prof. D. M. Kolb, Ulm University.
Aug-Sept. 1998 – Visiting Fellow – Department of Physical Chemistry, Prof. J. Heinze, University of Freiburg.
Aug. 2001-Aug. 2002 – Visiting Fellow – Department of Chemistry, Prof. P. R. Unwin, University of Warwick, UK.
Jan. 2010-Feb. 2010 – Visiting Fellow – Department of Chemistry, Prof. E. Calvo, Buenos Aires University.
January 2012 – Adjunct Principal Scientist in the School of Materials Science and Engineering, Nanyang Technological University, Singapore.

6. Ex-Curriculum Activities:

Member of the committee of chemistry education of the Ministry of Education.
Head of the sub-committee of chemistry education responsible for the new curriculum of chemistry (4-5 units) in high school.
Secretary of the Israeli section of the Electrochemical Society.
Israel representative in the electrochemistry committee of IUPAC.
Chairman of the chemistry section of the Israeli Institute of Standards.
Organizer (together with Prof. J. Heinze) of the first international workshop on the Scanning Electrochemical Microscope (SECM) in Germany, September 6-8th 1997.

Organizer (chairman) of the second meeting of the Israeli Section of the Electrochemical Society, Jerusalem, May 1998.
Organizer (chairman) of the 4th Conference on Analytical Chemistry of the Israeli Society of Analytical Chemistry, January 2001.
Co-organizer of Isranalytica, the Israel Analytical Chemistry Meetings.
Co-organizer of the Scanning Electrochemical Microscopy Workshops.
Co-editor of the Journal of Solid State Electrochemistry.
Chairman of Isranalytica 2009, the Israel Analytical Chemistry Meeting.
Organizer of the 7th Workshop of Scanning Electrochemical Microscopy and Related Techniques, Ein Gedi, Israel, February 17-21, 2013.
Israeli officer of the Electrochemical Society.
Elected Chair of Division 1: Analytical Electrochemistry of the International Society of Electrochemistry.
Organizer (chairman) of the 10th Conference on Molecular Imprinting, June 24-28, 2018, Jerusalem
Organizer (chairman) of the 22nd Annual Meeting of the Israel Analytical Chemical Society, Isranalytica 2019.

7. Honors and Awards:

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| 1981 | Amos de Shalit scholarship, Weizmann Institute of Science, Rehovot. |
| 1983 | Rector's award, the Hebrew University of Jerusalem. |
| 1985 | Award in the name of Sara Segal Dubrov, the Hebrew University of Jerusalem. |
| 1988 | Chaim Weizmann fellowship for post graduate scientists, the Weizmann Institute of Science, Rehovot. |
| 1989 | Schmidt award, the Weizmann Institute of Science, Rehovot. |
| 1989 | Award in the name of Aharon Kazir, the Hebrew University of Jerusalem. |
| 1993 | Award in the name of E. D. Bergmann, the National Academy of Sciences, Jerusalem. |
| 1998 | The Richard Willstätter lecture - Gesellschaft Deutscher Chemiker. |
| 2007 | Vigevani fellowship, the Hebrew University |
| 2010 | Fellowship in the frame of the program Raices-Milstein of the Ministry of Science, Technology and Innovation, Argentina |
| 2013 | Fellow of the International Society of Electrochemistry |
| 2018 | The Tenne Family Prize for Nano Scale Sciences |

8. Publications

270 Peer-reviewed publications, h-index of 55 with more than 8800 citations (without self-citation) more than 8,000 citations.

9. Expertise and Research Areas

Electrochemistry, analytical electrochemistry, environmental science, electrochemical deposition and etching, corrosion and corrosion inhibition, sol-gel technology, self-assembled monolayers and thin films, functional coatings, nanomaterials, supercapacitors, selective electrodes for heavy metals, forensic science (fingerprint visualization).