# Curriculum Vitae

# Personal details:

**Name**: David Tsivion

**Date and place of birth**: August 3, 1980, Rehovot, Israel.

**Marital Status**: Married +2

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 Education

2004-2008 Bachelor’s degree in natural science (chemistry), with honors, from the open University (During military service).

2009-2010 M.Sc. in chemistry from the Weizmann Institute of Science, as a part of direct Ph.D. track. Title of thesis and Ph.D. proposal: “Guided Growth of Horizontal Nanowires”.

Military Service

1999-2007 Officer in the Israeli Air Force.

Scientific publications

1. Tsivion, D.; Schvartzman, M.; Popovitz-Biro, R.; von Huth, P.; Joselevich, E.

Guided Growth of Millimeter-Long Horizontal Nanowires with Controlled Orientations.

*Science* **2011**, *333*, 1003-1007.

1. Tsivion, D.; Schvartzman, M.; Popovitz-Biro, R.; Joselevich, E.

Guided Growth of Horizontal ZnO Nanowires with Controlled Orientations on Flat and Faceted Sapphire Surfaces.

 *ACS Nano* **2012**, *6*, 6433-6445.

1. Schvartzman, M.; Tsivion, D.; Mahalu, D.; Raslin, O.; Joselevich, E.

Self-Integration of Nanowires into Circuits Via Guided Growth.

 *Proc. Natl. Acad. Sci.* **2013,** *110*, 15195-15200.

1. Tsivion, D.; Joselevich, E.

Guided Growth of Epitaxially Coherent GaN Nanowires on SiC.

*Nano Lett*  **2013**, 13, 5491-5496.

1. Goren-Ruck, L; Tsivion, D., Schvartzman, M., Popovitz-Biro, R. & Joselevich, E.

Guided Growth of Horizontal GaN Nanowires on Quartz and Their Transfer to Other Substrates.

*ACS Nano* **2014**, *8*, 2838-2847.

1. Tsivion, D.; Joselevich, E.

Guided Growth of Horizontal GaN Nanowires on Spinel with Orientation-Controlled Morphologies

*J. Phys. Chem. C* **2014,** 33, XXXX-XXXX.

Honors

1. Adams fellowship
2. MRS Silver Graduate Student Award
3. The Prof. Israel Dostrovsky Prize of Excellence
4. Israel Chemical Society Prize for an Excellent Graduate Student

Languages:

Hebrew: mother tongue

English: fluent (reading, writing, speaking)