



Tomer Zidki- CURRICULUM VITAE AND LoP

• Education

Ph.D. - 2005-2009 - Ben-Gurion University – Department of Chemistry. Name of advisor: Prof. Dan Meyerstein, Prof. Haim Cohen.

Title of thesis: Reactions of Alkyl Radicals with Metal Nanoparticles in Aqueous Solutions

Post-doctorate - 2010-2012 - Brookhaven National Laboratory, New York, USA.

Name of advisor: Dr. Sergei Lyamar

Topic of research: Water Oxidation Catalysis by Cobalt Hydrous Oxide Supported on Silica Nanoparticles

• Employment History

2018- Senior Lecturer (tenure track) Ariel University

2014-2018 Lecturer (tenure track) Ariel University

2012-2014 Manager of student laboratories, Department of Biological Chemistry Ariel University

• Awards, Citations, Honors, Fellowships

(a) Honors, Citation Awards (including during studies)

2009 - Ben-Gurion University - The Ruth and Milton Orchin Award for Academic Achievements in Ph.D. Studies and Research.

2008 - Ben-Gurion University - Teva-Tech Prize for Excellence in the Ph.D. Studies and Research.

2001 - Ben-Gurion University - Certification of excellence for study achievements in B.Sc. studies in 2000.

(b) Fellowships

2010-2012 - Brookhaven National Laboratory – 100,000 (\$) - Research associate

2005 – University of Notre Dame – 4,800 (\$) - Research associate

• Research Grants

2018– MAGNETON program – Tome Zidki, Haim Cohen, Gad Pinhasi & SICS LTD.

Catalytic system for oxidation of sulfur and nitrogen oxides with atmospheric oxygen for pollution treatment and fertilizers production

450,000\$

2017 – PAZI Foundation - Tome Zidki, Dan Meyersein, Israel Zilbermann

Establishment of an Infrastructure for Radiation-Chemistry and Radiation-Biology Research

Two Years 300,000\$

2017 – Shamir Optical Industry, Ltd. - Tome Zidki, Haim Cohen

Eliminating fog by coating lenses with nanoparticles

3 Months 3,200\$

2016 – PAZI Foundation - Tome Zidki, Haim Cohen, Ronen Bar-Ziv

Fixation of Low Activity Radioactive Wastes by Coal Fly Ash/Nanoparticles and the Study of Radiation Induced Processes at the Surface

Four Years 44,000\$ per year

2016 – KAMIN program – Tome Zidki, Haim Cohen, Gad Pinhasi
Production of fertilizers based on the catalytic oxidation of flue-gas pollutants
Second-year 109,000\$

2015 – KAMIN program – Tome Zidki, Haim Cohen, Gad Pinhasi
Production of fertilizers based on the catalytic oxidation of flue-gas pollutants
First-year 93,000\$

2015-2017 – SISC – Tomer Zidki
Production of fertilizers based on the catalytic oxidation of flue-gas pollutants
Ongoing project, 30,000\$

2015 - Collaboration with RAFAEL.
A classified project
6 months 26,000\$

2014 - Green Oil Co. - Tomer Zidki, Haim Cohen
Increasing the Stability of diesel fuel produced from recycled mineral oils
4 months – 20,000\$

2014 - *Top Chemicals for Environment Co.*- Tomer Zidki, Haim Cohen
Production of fertilizers based on the catalytic oxidation of flue-gas pollutants
7 months – 8,000\$

2014 - Authority for Research & Development, Ariel University - Tomer Zidki, Gadi Pinhasi
Production of fertilizers based on the catalytic oxidation of flue-gas pollutants
4 months – 4,000\$