

Natia R. Anastasi

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WORK EXPERIENCE

<i>Department of Research, Neapolis University Paphos</i>	September 2014-present
<i>Research Associate, Neapolis University Pafos</i>	June 2014-Sept 2014
<i>Senior Chemist, A.N.C Waterproofing Industries LTD Paphos, Cyprus</i>	2003-present
<i>Post-Doctoral Associate, Department of Chemistry, University of Wisconsin, Madison,</i>	2002-2003

EDUCATION

<i>Ph.D., Chemistry Yale University</i> Advisor: Prof. John F. Hartwig	Dec 2002
<i>BS in Chemistry with Highest Honors, University of Virginia</i> Advisor: Prof. Cassandra L. Fraser	May 1997

HONORS AND AWARDS

Oscar R. Rodig Award for Excellence in Chemistry	May 1997
Dean's List, University of Virginia	1993-1997
Distinguished Majors Program	1995-1997
Intermediate Honors	Oct 1995

TEACHING EXPERIENCE

<i>Neapolis University Pafos</i> <i>Engineering Physics</i>	Fall 2017
<i>Yale University</i> <i>Inorganic Chemistry Laboratory</i>	Spring 1998, 1999, 2000
<i>General Chemistry Lecture and Laboratory</i>	Fall 1997, 1998, 1999
<i>University of Virginia</i> <i>General Chemistry Laboratory</i>	Fall 1995, 1996
<i>Organic Chemistry Laboratory</i>	Spring 1995

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Honors Chemistry Laboratory

Spring 1997

PUBLICATIONS

N. R. Anastasi, N. P. Bakas, P. Tiano, J. Stuart, L. Gaetjen, J. Royo, L. Sanchez, O.A. Cuzman K. Richter. "EcoCement: A Novel Composite Material For The Construction Industry. Identification Of An Optimal Recipe Using Neural Networks" **ECCOMAS Conference Paper** · June **2016**, Crete, Greece.

O. A. Cuzman, L. Wittig, F. J. Royo Abancéns, C. Herrera, N. R. Anastasi, and L. Sánchez Alonso "Bacterial "Masons" at Work with Wastes for Producing Eco-cement" *Int. J. of Env. Science and Development*, Vol. 6, No. 10, October **2015** p. 767.

J. L. Brice, J. E. Harang, V. I. Timokhin, N. R. Anastasi and S. S. Stahl "Aerobic Oxidative Amination of Unactivated Alkenes Catalyzed by Palladium" *J. Am. Chem. Soc.*, **2005**, 127, 2868.

V. I. Timokhin, N. R. Anastasi and S. S. Stahl "Dioxygen-Coupled Oxidative Amination of Styrene" *J. Am. Chem. Soc.*, **2003**, 125,12996.

N. R. Anastasi, K. M. Waltz, W. L. Weerakoon, J. F. Hartwig "A Short Synthesis of Tetralkoxydiborons (4) Reagents" *Organometallics*, **2003**, 22, 365.

T. Ishiyama, J. Takagi, K. Ishida, N. Miyaura, N. R. Anastasi, J. F. Hartwig "Mild Iridium-Catalyzed Borylation of Arenes. High Turnover Numbers, Room Temperature Reactions and Isolation of a Potential Intermediate" *J. Am. Chem. Soc.*, **2002**, 124, 390. **The results presented in this paper were noted in *Chemical and Engineering News* in March 2002 and in *Chemistry and Industry* in May 2002. In 2010, this paper was featured as one of the most important papers of the decade 2000-2010 in *Chemical and Engineering News*.**

C. L. Fraser, N. R. Anastasi, J. J. S. Lamba "Synthesis of Halomethyl and Other Bipyridine Derivatives by Reaction of 4,4'-Bis[(trimethylsilyl)methyl]-2,2'-bipyridine with Electrophiles in the Presence of Fluoride Ion" *J. Org. Chem.* **1997**, 62, 9314.

PRESENTATIONS in CYPRUS

"Transition Metal Catalyzed Borylation of Arenes", Departmental Seminar, The University of Cyprus, November 2002.

"A Scientific and Historical Overview on the Advances of Alternative Methods to Breastfeeding. The Development of Baby Formula and Baby Bottles", Conference on Reproductive Health, Frederick University, March 2010.

COMMITTEES

Paphos Committee on Energy – member	2014 - present
SET Plan Action 6, Working Group Energy Efficiency in Industry	2016