

EUROPEAN  
CURRICULUM VITAE  
FORMAT



PERSONAL INFORMATION

Name  
Address  
Telephone  
Email  
Nationality  
Date of birth

**Giovanni Mannino**

Zona Industriale strada VIII, n°5, 95121, Catania, Italy  
+39 095 5968236  
giovanni.mannino@imm.cnr.it  
Italian

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
- Main activities and responsibilities

From 01/2001 to present  
Consiglio Nazionale delle Ricerche (CNR) Istituto per la Microelettronica ed i Microsistemi (IMM)  
Chemical vapour deposition of Si and C based materials and nanocrystals at low temperature for photovoltaic devices and Li-ion batteries  
Spectroscopic ellipsometry for advanced optical characterization of materials for photovoltaics (perovskites)  
From 11/1998 to 07/1999  
STMicronics, Stradale Primosole 50, 95121, Catania, Italy  
Industry – Semiconductor  
Consultant

EDUCATION AND TRAINING

- Dates (from – to)
- Dates (from – to)

11/1996 to 10/1998, University of Catania (Italy), Ph.D. cum Laude in Materials Science  
11/1991 to 07/1996 University of Catania (Italy), Master degree cum laude

OTHER QUALIFICATIONS

- Dates (from – to)
- Dates (from – to)
- Dates (from – to)
- Dates (from – to)

2023 Senior researcher permanent position at CNR  
2012 National qualification as Senior Researcher at CNR  
2012 National qualification as Associate University Professor in Experimental Physics (02/B1)  
2001 Researcher permanent position at CNR

MOTHER TONGUE

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

ITALIAN

ENGLISH AND FRENCH

GOOD  
GOOD  
GOOD

TECHNICAL SKILLS  
AND COMPETENCES

*With computers, specific kinds of equipment, machinery, etc.*

Rapid Thermal Annealing  
Laser Annealing  
Chemical Vapour Deposition  
Spectroscopic Ellipsometry

ORGANISATIONAL SKILLS  
AND COMPETENCES

*Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.*

• EUROPEAN PROJECT - PARTNER REPRESENTATIVE

Ion implantation at ultra-low energy for future semiconductor devices (IMPULSE) IST-2001-32061

• NATIONAL PROJECT - PARTNER REPRESENTATIVE

Tecnologie per l'ENERGIA e l'Efficienza energetica (ENERGETIC) PON Ricerca e Competitività 2007/2013 Regioni Convergenza ASSE I

• EUROPEAN PROJECT – PARTICIPANT

Redistribution and activation phenomena in integrated circuit and device manufacturing (RAPID)

Esprit Project 23481

Front-end models for silicon future technology (FRIENDTECH) IST-2000-30129

Fundamentals and applications of laser processing for highly innovative MOS technology (FLASH) IST-2001-38901

Advanced Technology Modelling for Extra-Functionality Devices (ATEMOX) ICT Project 258547 2010

Energy for a green society: from sustainable harvesting to smart distribution. Equipment, materials, design solutions and their applications (ERG) ENIAC JU grant agreement n° 270722-2 2011

- **NATIONAL PROJECT - PARTICIPANT**

Nuove Tecnologie Fotovoltaiche per Sistemi Intelligenti Integrati in Edifici PON Ricerca e Competitività 2007/2013 Regioni Convergenza ASSE I

- **CONSULTING CONTRACTS - PARTICIPANT**

Industrial Consulting Contract CNR-ST Microelectronics (Study of materials and advanced technologies for microelectronics) 2008-2012

- **AWARDS**

Young Scientist Award E-MRS conference 1998

Best Poster award XIIth International Conference on Ion Implantation Technology (IIT) 1998

Best Poster award E-MRS conference 2004

- **AUTHOR**

Bibliometrics on peer reviewed international journals

Google Scholar 148 documents – 2507 citations - h-index 25

Scopus 130 documents – 2050 citations - h-index 22

WoS 115 documents – 2171 citations - h-index 22

- **REVIEWER of JCR journals**

Journal of Electrochemical Society, Journal of Applied Physics, Applied Physics Letters, Nuclear instruments and methods B, Physica Status Solidi, Materials Letters, Journal of Nanoscience and Nanotechnology, Canadian Journal of Physics, Applied Physics A, Journal of Physics D, Optical Materials, Physica Status Solid A, Materials Research Express, Journal of Lightwave technology, Materials science in semiconductors processing, European Physical Journal of Applied Physics, Journal of Materials Chemistry C, Materials Chemistry and Physics

- **PROJECT REVIEWER**

Progetti di ricerca di Rilevante Interesse Nazionale (PRIN)

Executive Agency for Higher Education, Research, Development and Innovation Funding (Romania)

- **EDITORIAL BOARD MEMBER**

Scientific Reports (Nature-Macmillan Springer Group) since 2015

- **BOOK EDITOR**

Elsevier Material Science and Engineering B voll.114-115

- **INTERNATIONAL CONFERENCE ORGANIZER**

European Materials Research Society Symposium Strasbourg

- **RESEARCHER IDENTIFIERS**

ORCID 0000-0003-2196-6309, WoS ISIWeb ID C-8974-2017, Scopus ID 7005846947

According to law 679/2016 of the Regulation of the European Parliament of 27th April 2016, I hereby express my consent to process and use my data provided in this CV

16/05/2023