

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
17/15/1973

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 based materials and nanocrystals at low temperature for photovoltaic devices and Li-ion batteries
Spectroscopic ellipsometry equipment for advanced characterization of materials optical properties.
From 11/1998 to 07/1999
STMicroelectronics, 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)

2021 National qualification as Senior Researcher at CNR
2012 National qualification as Senior Researcher at CNR
2012 National qualification as Associate Professor in Experimental Physics (02/B1)

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 124 documents – 2124 citations - h-index 24

Scopus 120 documents – 1735 citations - h-index 21

WoS 106 documents – 1561 citations - h-index 21

- **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

10/02/2022

