PERSONAL INFORMATION	Roberto Paolesse
	Dipartimento di Scienze e Tecnologie Chimiche, Università di Roma Tor Vergata, via della Ricerca Scientifica 1, 00133 Roma
	Sex Male | Date of birth [redacted] | Nationality Italian
CURRENT POSITION SSD	Full professor CHIM/07 Fondamenti Chimici delle Tecnologie
RESEARCH TOPICS / EXPERIENCES	■ Chemical Sensors / development of devices ■ Porphyrinoids / Synthesis and applications of porphyrin derivatives ■ Supramolecular chemistry / Preparation and applications of molecular materials ■ Nanotechnology/ Synthesis and application of nanostructured materials

SCIENTIFIC / TECHNICAL QUALIFICATION *(source: Scopus)*	■ H-index:	■ 63
	■ No. publications:	■ 502
	■ No. citations:	■ 15481
THEMATIC AREA KEYWORDS	■ Energy transition:	■ Catalysts
	■ Digital transition:	■
	■ Bio-pharma & health:	■ Chemical Sensors, Porphyrinoids, Sensor Arrays, Breath Analysis, Photodynamic Therapy

EDUCATION AND TRAINING

1983/12/12	Laurea degree in Chemistry (110/110 summa cum laude) – La Sapienza University

WORK EXPERIENCE

since 2012/12/21	Full Professor
	Dept. of Chemical Science and Technologies, University of Rome Tor Vergata
since 2001/11/02	Associate Professor
	Dept. of Chemical Science and Technologies, University of Rome Tor Vergata
since 1986/11/02	Researcher
	Dept. of Chemical Science and Technologies, University of Rome Tor Vergata

MAIN ROLES AND RESPONSIBILITIES

From 2024/11/01 To date	■ Director of the Dept. of Chemical Science and Technologies
From 2018/11/01 To 2024/10/31	■ Vice-Director of the Dept. of Chemical Science and Technologies
From 2015/12/02 To 2021/12/01	■ Coordinator of the LT and LM Chemistry courses
From 2011/11/01 To 2019/11/01	■ Coordinator of the PhD course in Chemical Science
From 2011/11/01 To date	Co-responsible of the Sensors group of the University of Rome Tor Vergata

SERVICE TO NATIONAL AND INTERNATIONAL COMMUNITY

From 2021/05/02 To 2024	■ Vice-Chair of the European section of the Electrochemical Society
From 2024/11/01 To date	■ Director of the Dept. of Chemical Science and Technologies
From 2018/11/01 To 2024/10/31	■ Vice-Director of the Dept. of Chemical Science and Technologies
From 2010/07/01 To date	■ National representative of the "Society of Porphyrins and Phthalocyanines"

TEACHING EXPERIENCE

From 1990/11/01 To date	■ teaching General Chemistry for LT Engineering courses
From 2013/11/01 To date	■ teaching Environmental Measurements for LM Engineering courses
From 2010/11/01 To date	■ teaching Molecular Materials for LM Chemistry course
From 2006/11/01 To 2012/11/01	■ teaching Chemistry for Energy for LT Engineering courses

MAIN RESEARCH EXPERIENCE

2023-	■ PRIN2022-PNRR project CLEANUP, Coordinator, 298.000 €
2019-2022	■ H2020 FET OPEN project INITIO, H2020 EU program, Coordinator, 2.929.901 €
2019-2022	■ PRIN SUNSET, MUR, Responsible research unit, 819.000 €
2013-2016	■ ENCORK project FP7 Research for SMEs program, Responsible research unit, 971.000 €

OTHER RELEVANT EXPERIENCES

2012	■ Constitution of the start-up Innosensors
2007	■ Constitution of the spin-off Ecosens

HONOURS, AWARDS, MEMBERSHIPS, OTHER QUALIFICATIONS

2021-2024	■ Vice-Chair of the European section of the Electrochemical Society
2014-	■ Member of the NANO division committee of the Electrochemical Society
2015-2018	■ Editor in chief of the journal Mini-Review in Organic Chemistry (Bentham)
2010-	■ National representative of the "Society of Porphyrins and Phthalocyanines"
2008-	■ Member of the Steering Committee of the International Meeting on Chemical Sensors (IMCS)
2006-	■ Associate Editor of the Journal of Porphyrins and Phthalocyanines (World Scientific)

ADDITIONAL INFORMATION

Publications

List of the most relevant publications (up to 5)

■ 1. C. Di Natale, C. P. Gros, R. Paolesse, Corroles at work: a small macrocycle for great applications, Chemical Society Reviews, 2022 doi: 10.1039/d1cs00662b (I.F.: 54.5)

■ 2. R. Paolesse, S. Nardis, D. Monti, M. Stefanelli, C. Di Natale, Porphyrinoids for Chemical Sensors Applications, Chemical Reviews, 2017, 117, 2517 doi: 10.1021/acs.chemrev.6b00361 (I.F.: 60.6)

■ 3. S. Nardis, F. Mandoj, M. Stefanelli, R. Paolesse, Metal Complexes of Corroles, Coordination Chemistry Reviews, 2019, 388, 360 doi: 10.1016/j.ccr.2019.02.034 (I.F.: 22.3)

■ 4. M. Stefanelli, G. Magna, F. Zurlo, F.M. Caso, E. Di Bartolomeo, S. Antonaroli, M. Venanzi, R. Paolesse, C. Di Natale, D. Monti, Chiral Selectivity of Porphyrin-ZnO Nanoparticle Conjugates, ACS Applied Materials and Interfaces, 2019, 11, 12077 doi: 10.1021/acsami.8b22749 (I.F.: 9.2)

■ 5. Capuano, R., Domakoski, A.C., Grasso, F., Picci, L., Catini, A., Paolesse, R., Sirugo, G., Martinelli, E., Ponzi, M., Di Natale, C. Sensor array detection of malaria volatile signature in a murine model () Sensors and Actuators, B: Chemical, 2017, 245, 341 doi: 10.1088/1752-7155/10/1/016007 (I.F.: 7.46)

I, THE UNDERSIGNED, AWARE OF THE PROVISIONS OF ARTICLE 76 OF THE PRESIDENTIAL DECREE 28 DECEMBER 2000 NO. 445, ON THE CRIMINAL LIABILITY WHICH MAY BE ENCOUNTERED IN THE EVENT OF FALSE STATEMENTS/DOCUMENTS AND FALSE DECLARATIONS, AS WELL AS THE PROVISIONS OF ART. 75 OF THE PRESIDENTIAL DECREE 28 DECEMBER 2000 NO. 445, ON THE FORFEITURE OF ANY BENEFITS RESULTING FROM THE PROVISION ISSUED ON THE BASIS OF UNTRUTHFUL DECLARATIONS, PURSUANT TO AND FOR THE PURPOSES OF THE AFOREMENTIONED PRESIDENTIAL DECREE NO. 445/2000 AND UNDER HIS OWN PERSONAL RESPONSIBILITY DECLARES THAT ALL THE INFORMATION INCLUDED IN MY CURRICULUM VITAE IS TRUE.

ROBERTO PAOLESSE
29.11.2024
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GMT+01:00