

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Claudio Villani**
Address(es) Department of "Chimica e Tecnologie del Farmaco" (6022), P.le A Moro 5, 00185, Rome, Italy
Telephone(s) +39 06 4991 2777
Fax(es) +39 06 4991 2780
E-mail claudio.villani@uniroma1.it
Nationality Italian
Date of birth September 26, 1960
Gender Male

Occupational field (S s/d)

Work experience

Dates November, 2006 up to now
Occupation or position held University professor
Main activities and responsibilities Full professor of Organic Chemistry
Name and address of employer University of Rome "La Sapienza", P.le A Moro 5, 00185, Rome, Italy
Sector Education

Dates March 2002- November 2006
 Occupation or position held University professor
 Main activities and responsibilities Associate professor of Organic Chemistry
 Name and address of employer University of Rome "La Sapienza", P.le A Moro 5, 00185, Rome, Italy
 Sector Education

Dates November 1998- March 2002
 Occupation or position held University professor
 Main activities and responsibilities Associate professor of Organic Chemistry
 Name and address of employer University of Chieti "G. D'Annunzio" Via dei Vestini 31, 66100, Chieti, Italy
 Sector Education

Dates November 1988- November 1998
 Occupation or position held Researcher
 Main activities and responsibilities Researcher of Organic Chemistry
 Name and address of employer University of Rome "La Sapienza", P.le A Moro 5, 00185, Rome, Italy
 Sector Education

Dates 1993
 Occupation or position held Postdoctoral work
 Main activities and responsibilities
 Name and address of employer University of Illinois at Urbana-Champaign
 Sector

Education and training

Dates November 1986- November 1998.
 Title of qualification awarded PhD
 Name and type of organisation providing education and training University of Rome "La Sapienza"

Dates November 1984
 Title of qualification awarded Degree in Pharmaceutical Chemistry and Technology
 Name and type of organisation providing education and training University of Rome "La Sapienza"

Personal skills and competences

Mother tongue(s) **Italian**

Other language(s)

Self-assessment

European level (*)

English

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user

(*) [Common European Framework of Reference for Languages](http://www.cedefop.europa.eu)

Additional information

Receiving

Annexes

Include here any other information that may be relevant, for example contact persons, references, etc.

List any items attached.

- A. Peer reviewed publications of Claudio Villani, selected**
- Autore, Titolo, Rivista. Anno, N° (Vol): Pagg. IF
1. Cabri W., D'Acquarica I., Simone P., Di Iorio M., Di Mattia M., Gasparrini F., Giorgi F., Mazzanti A., Pierini M., Quaglia M., Villani C.
Stereolability of dihydroartemisinin, an antimalarial drug: a comprehensive thermodynamic investigation. Part 1. 4.219
Journal of Organic Chemistry (2011), 76(6) 1751-8.
 2. Calleri E., Temporini C., Gasparrini F., Simone P., Villani C., Ciogli A., Massolini G.
Immobilized trypsin on epoxy organic monoliths with modulated hydrophilicity: Novel bioreactors useful for protein analysis by liquid chromatography coupled to tandem mass spectrometry. 4.194
Journal of Chromatography, A (2011), *available online*, doi:10.1016/j.chroma.2011.05.059
 3. H.M. Y. Ahmed, N. Coburn, D. Dini, J.J. D. de Jong, C. Villani, W.R. Browne, J.G. Vos
Application of Circular Dichroism Spectroscopy in the Study of Mixed-Valence Asymmetric Ruthenium Polypyridyl Complexes 4.325
Inorganic Chemistry (2011), 50(13), 5861-5863.
 4. Frascchetti C., Pierini M., Villani C., Gasparrini F., Levi Mortera S., Filippi A., Speranza M.
The "Bridge" Game: Role of the Fourth Player in Chiral Recognition. 5.382
Chemistry (2011), 17, 3078-3081
 5. Cancelliere G., Ciogli A., D'Acquarica I., Gasparrini F., Kocergin J., Misiti D., Pierini M., Ritchie H., Simone P., Villani C.
Transition from enantioselective high performance to ultra-high performance liquid chromatography: A case study of a brush-type chiral stationary phase based on sub-5-micron to sub-2-micron silica particles. 4.194
Journal of Chromatography, A (2010), 1217(7), 990-999.
 6. Badaloni E., Cabri W., Ciogli A., D'Acquarica I., Deias R., Gasparrini F., Giorgi F., Kotoni D., Villani C.
Extending the use of "Inverted Chirality Columns Approach" for enantiomeric excess determination in absence of reference samples: application to a water-soluble camptothecin derivative. 4.194
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 7. Carosati E., Budriesi R., Ioan P., Cruciani G., Fusi F., Frosini M., Saponara S., Gasparrini F., Ciogli A., Villani C., Stephens P. J., Devlin F. J., Spinelli D., Chiarini A.
Stereoselective Behaviour of the Functional Diltiazem Analogue 1-[(4-Chlorophenyl)sulfonyl]-2-(2-thienyl)pyrrolidine, a New L-Type Calcium Channels Blocker. 4.802
Journal of Medicinal Chemistry (2009), 52(21), 6637-6648.
 8. Speranza M., Gasparrini F., Botta B., Villani C., Subissati D., Frascchetti C., Subrizi F.
Gas-phase enantioselective reactions in noncovalent ion-molecule complexes. 2.677
Chirality (2009), 21(1) 69-86.
 9. Villani C., Gasparrini F., Pierini M., Levi Mortera S., D'Acquarica I., Ciogli A., Zappia G.
Dynamic HPLC of stereolabile Iron(II) complexes on chiral stationary phases 2.677
Chirality (2009), 21(1) 97-103
 10. Frascchetti C., Pierini M., Villani C., Gasparrini F., Levi Mortera S., Speranza M.
Towards enzyme-like enantioselectivity in the gas phase: conformational control of selectivity in chiral macrocyclic dimers. 5.340
Chemical Communication (Camb) (2009), (36) 5430-2.

11. Cabri W., D'Acquarica I., Simone P., Di Iorio M., Di Mattia M., Gasparrini F., Giorgi F., Mazzanti A., Pierini M., Quaglia M., Villani C.
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Chemical Communication (Camb) (2009), (36) 5430-2.

Textbooks (Chapters, etc.)

Gasparri, F.; D'Acquarica, I.; Pierini, M.; Villani, C. "Chiral dynamic chromatography pushed to its extreme low temperature or high speed limits (chiral DUHPLC): a very effective tool in the study of stereolabile compounds". In W.C. Byrdell, M. Holcapek (Editors), **Extreme Chromatography: Faster, Hotter, Smaller**. AOCS Press, Urbana, IL, 2011, p. 103-128.

D'Acquarica, I.; Gasparri, F.; Misiti, D.; Pierini, M.; Villani, C. "HPLC chiral stationary phases containing macrocyclic antibiotics: practical aspects and recognition mechanism" in E. Grushka, N. Grinberg (Editors), **Advances in Chromatography**. CRC Press Taylor & Francis Group, Boca Raton, FL, 2008, 46, p. 108-173.