


Curriculum Vitae
(Europass format up to section 4)

1. Personal information

<p>Given name: Francesco Saverio Family name: Violante</p> <p>Place and date of birth: Bari, Italy, 27 January 1955</p> <p>Business address: Unità Operativa Medicina del Lavoro Policlinico Sant'Orsola Malpighi via Palagi 9, 40138 Bologna, Italy phone: +39-051-214-2608 mobile phone: +39-328-723-0652 e-mail: francesco.violante@unibo.it</p>	
<p>Additional information: I live in Bologna with my wife Luciana, our kids Anna and Tommaso, and Vaniglia (our Labrador), and I work in Bologna, in Italy and abroad.</p>	

2. Work experience

2.1 Present position

Full Professor of Occupational Medicine, Alma Mater Studiorum University of Bologna, Italy, and Director, Unit of Occupational Medicine, Sant'Orsola Malpighi University Hospital, Bologna, Italy

2.2 Previous positions

1.3.2002 - 30.9.2006: Associate Professor of Occupational Medicine, University of Bologna and Director, Unit of Occupational Medicine, Sant'Orsola Malpighi University Hospital (since 1.5.2000 to 31.12.2001 and again since 1.7.2004)

15.1.1983 - 28.2.2002: Staff physician, Unit of Occupational Medicine, Local Health Authority, Bologna (until 29.12.1987) and then at Sant'Orsola Malpighi University Hospital, Bologna.

3. Education and training

3.1 Academic qualifications

1973-1979: Degree in Medicine (MD), University of Bologna
1979-1983: Specialization in Occupational Medicine, University of Padua
1983-1986: Specialization in Forensic Medicine, University of Macerata
1986-1989: Specialization in Clinical Neurophysiology, University of Pavia

3.2 Other qualifications

1985: Inclusion in the national list of physicians qualified for health surveillance of workers exposed to ionizing radiation (number 762 of the national list).

4. Personal skills

4.1 Mother tongue

Italian

4.2 Foreign language

English: C1 level - Proficient user (understanding, speaking and learning)

4.3 Communications skills

Excellent communication skills gained through my experience as a physician, a professor and a researcher.

4.4 Organizational skills

Skills	Level
Planning, implementation and direction of multidisciplinary, technologically complex, health research and service center	Advanced
Implementation of international networks of research collaboration	Advanced
Planning and realization of large cohort studies	Advanced
Mentoring students and young researchers	Advanced

4.5 Clinical skills

Skills	Level
Clinical preventive services	Advanced
Diagnosis and treatment of environmental and occupational diseases	Advanced
Electromyography and evoked potentials	Advanced
Spirometry	Advanced
Audiometry	Advanced

4.6 Digital skills

Skills	Level
Information processing	Proficient user
Communication	Proficient user
Content creation	Independent user
Safety	Proficient user
Problem solving	Proficient user
Other computer skills	Statistical analysis software (Stata, R), Signal processing, Programming (intermediate)

5. Appointment in experts' committees

1990 - 1995: Appointed by the Regional Government as a member of the Technical Group for the evaluation of programs of Local Health Authorities (Resolution 5222, 30.10.1990)

1992 - 2002: appointed by the Regional Government as a member of the Regional Oncologic Commission (Resolution 994, 24.3.1992 and 1323, 26.7.1999)

1995 - 2004: Appointed by the Regional Government as a member of the Task-Force for the application of the Law 626/1994 (occupational safety and health) in Emilia Romagna

2003 - 2006: Appointed to the experts' committee for the "European risk observatory" of the European Agency for Safety and Health at Work, Bilbao

2007 - 2012: Appointed by the Regional Government as a member of the Scientific Committee for the MONITER project in Emilia Romagna (impact of waste incineration on environment and health, https://www.arpae.it/pubblicazioni/moniter/generale_624.asp)

2016 -2018: Appointed to the commission for the National Scientific Qualification (Abilitazione Scientifica Nazionale) for full and associate professors in occupational health

2018 - 2022: Appointed by the Ministry of Health in the Expert committee for health and safety policy and for coordination of labor inspections

6. Membership in scientific societies

International Commission on Occupational Health, Member of the Board of Directors (2018 - 2021)

Italian Society of Occupational Medicine, Past-President (2019 - 2022)

College of the Italian Professors of Occupational Medicine, President (2018 - 2022)

The Bertrand Russell Society, member

The British Wittgenstein Society, member

7. Research activity

During the almost 40 years of my research activity I have explored different areas of occupational and environmental health with strong focus on linking research activity to practice, adhering to the principle of evidence-based medicine. This still characterizes my scientific activity (and the one of my coworkers).

The initial period (1980-1990) of my research activity is characterized by a specific interest toward the application of the electrophysiological techniques (learned during a fellowship at the Department of Physiology of the University of Liverpool in 1981) to the study of work-related diseases, specifically to the exposure to pesticides and solvents. Emblematic of that period are some papers on neuropathies associated with the exposure to organo-phosphorous pesticides and solvents, mostly published on Italian scientific journals. During the same years, I developed a specific interest toward clinical epidemiology and environmental and occupational toxicology (primarily applied to the study of environmental and occupational exposure to organo-chlorine pesticides).

Afterwards (1990-2000), the interest toward the application of electrophysiologic techniques to occupational medicine brought me to apply them to the study of the upper arm disorders, and specifically to the carpal tunnel syndrome. In this field I started an intense series of international relations (still ongoing), in particular with the Center for Ergonomics of University of Michigan and other centers in the United States and Europe. At the same time, I strived to find the human and financial resources needed to equip an electrophysiology and biomechanics lab to investigate the occupational upper limb musculoskeletal diseases (mostly for the study of nerve, muscles and tendons), a toxicology lab equipped with high quality instruments for chemical analysis and an epidemiology lab. In those years I started to publish my first papers on occupational musculoskeletal diseases and I organized the first national congress held on this topic in Italy (Italian Society for Occupational Health and Industrial Hygiene Bologna, 1995).

Subsequently (2000-2010), having collected the necessary human, instrumental and financial resources, I started an intense research activity on musculoskeletal disorders, epidemiology, occupational and environmental toxicology and preventive medicine, as recorded by a number of papers published in journals with Impact Factor, book and chapters of books published by international publishers. With regard to the environment, I have been a member of the Scientific Committee of the MONITER project of Emilia-Romagna Region (impact of waste incineration on environment and health) and I have been in charge of the Health Impact Assessment of major Italian road infrastructures projects, such as the Tirreno-Brennero motorway, the Outer Milan Parkway (Tangenziale Esterna Milanese) and the Cispadana motorway.

My recent activity (2010 to the present) has focused more on epidemiological methods (both cancer epidemiology and other diseases), musculoskeletal epidemiology, global health issues and health economics. One of the most recent research project I am involved in, as a national expert for Italy, is the

Global Burden of Disease Study, run by the Institute for Health Metrics and Evaluation (Prof. CJ Murray) and funded by the Bill and Melinda Gates Foundation. I am also the principal investigator of the world's largest longitudinal study published to date on work-related carpal tunnel syndrome (4,000 workers, 10 years of follow-up). Currently, I am also working with several companies to improve ergonomics and efficiency of manufacturing process. Some innovative products have been devised during this research, currently awaiting to be assigned international patents, and others are being actively developed.

I have always valued international collaboration in research and training: I have been responsible for setting up (and I am presently overseeing on the Bologna side) a Memorandum of Understanding for common research projects, exchange of teachers and students, between the School of Medicine of the University of Bologna and the Harvard School of Public Health and the Mount Sinai School of Medicine.

7.1 Patents

- 3.11.2016 number 102016000110570, Ergonomic handle for hand-held tools
- 21.6.2017 number 102017000069353, Sensorized glove for monitoring hand force during manual work

7.2 Citation metrics

ORCID ID: 0000-0003-4084-2782
SCOPUS Author Identifier: 7003555890
ResearcherID: A-6934-2009
Google Scholar Identifier: francesco.violante@gmail.com

Source	H-Index	Total citations
Web of Science	35	12.131
Scopus	39	15.211
Google Scholar	46	14.493

I am also included in the VIA Academy's list of the Top Italian Scientists, Macro Area Clinical Sciences (http://www.topitalianscientists.org/top_italian_scientists_VIA-Academy.aspx?Cerca=violante).

7.3 Papers published in international scientific journals (with Impact Factor)

I am co-author of more than 150 papers, published in English by international scientific journals included in the Clarivate Web of Science (with Impact Factor). Below are listed (more than 100) papers published in the last 10 years (2008 to the present, most recent first, in the order in which they appear in PubMed).

* * * * *

GBD 2016 Traumatic Brain Injury and Spinal Cord Injury Collaborators.
Global, regional, and national burden of traumatic brain injury and spinal cord injury, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016.
Lancet Neurol. 2018 Nov 26. pii: S1474-4422(18)30415-0.

GBD 2017 SDG Collaborators.
Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017.
Lancet. 2018 Nov 10;392(10159):2091-2138.

GBD 2017 Population and Fertility Collaborators.
Population and fertility by age and sex for 195 countries and territories, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017.

Lancet. 2018 Nov 10;392(10159):1995-2051.

GBD 2017 Risk Factor Collaborators.

Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017.

Lancet. 2018 Nov 10;392(10159):1923-1994.

GBD 2017 Disease and Injury Incidence and Prevalence Collaborators.

Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017.

Lancet. 2018 Nov 10;392(10159):1789-1858.

GBD 2017 Causes of Death Collaborators.

Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017.

Lancet. 2018 Nov 10;392(10159):1736-1788.

GBD 2017 Mortality Collaborators.

Global, regional, and national age-sex-specific mortality and life expectancy, 1950-2017: a systematic analysis for the Global Burden of Disease Study 2017.

Lancet. 2018 Nov 10;392(10159):1684-1735.

GBD 2017 DALYs and HALE Collaborators.

Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017.

Lancet. 2018 Nov 10;392(10159):1859-1922.

GBD 2016 Alcohol Collaborators.

Alcohol use and burden for 195 countries and territories, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016.

Lancet. 2018 Sep 22;392(10152):1015-1035.

Global Burden of Disease 2016 Greece Collaborators.

The burden of disease in Greece, health loss, risk factors, and health financing, 2000-16: an analysis of the Global Burden of Disease Study 2016.

Lancet Public Health. 2018 Aug;3(8):e395-e406.

GBD 2016 Healthcare Access and Quality Collaborators.

Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016.

Lancet. 2018 Jun 2;391(10136):2236-2271.

Global Burden of Disease Health Financing Collaborator Network.

Spending on health and HIV/AIDS: domestic health spending and development assistance in 188 countries, 1995-2015.

Lancet. 2018 May 5;391(10132):1799-1829.

Global Burden of Disease Health Financing Collaborator Network.

Trends in future health financing and coverage: future health spending and universal health coverage in 188 countries, 2016-40.

Lancet. 2018 May 5;391(10132):1783-1798.

Farioli A, Curti S, Bonfiglioli R, Baldasseroni A, Spatari G, Mattioli S, Violante FS.
Observed Differences between Males and Females in Surgically Treated Carpal Tunnel Syndrome Among Non-manual Workers: A Sensitivity Analysis of Findings from a Large Population Study.
Ann Work Expo Health. 2018 Apr 18;62(4):505-515.

Armstrong TJ, Burdorf A, Descatha A, Farioli A, Graf M, Horie S, Marras WS, Potvin JR, Rempel D, Spatari G, Takala EP, Verbeek J, Violante FS.
Scientific basis of ISO standards on biomechanical risk factors.
Scand J Work Environ Health. 2018 May 1;44(3):323-329.

Pillastrini P, Banchelli F, Guccione A, Di Ciaccio E, Violante FS, Brugnellini M, Vanti C.
Global Postural Reeducation in patients with chronic nonspecific neck pain: cross-over analysis of a randomized controlled trial.
Med Lav. 2018 Feb 1;109(1):16-30.

Farioli A, Violante FS, La Vecchia C, Negri E, Pelucchi C, Spatari G, Boffetta P, Pira E.
Temporal Patterns of Exposure to Asbestos and Risk of Asbestosis: An Analysis of a Cohort of Asbestos Textile Workers.
J Occup Environ Med. 2018 Jun;60(6):536-541.

Farioli A, Straif K, Brandi G, Curti S, Kjaerheim K, Martinsen JI, Sparen P, Tryggvadottir L, Weiderpass E, Biasco G, Violante FS, Mattioli S, Pukkala E.
Occupational exposure to asbestos and risk of cholangiocarcinoma: a population-based case-control study in four Nordic countries.
Occup Environ Med. 2018 Mar;75(3):191-198.

GBD 2016 Risk Factors Collaborators.
Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016.
Lancet. 2017 Sep 16;390(10100):1345-1422.

GBD 2016 Disease and Injury Incidence and Prevalence Collaborators.
Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016.
Lancet. 2017 Sep 16;390(10100):1211-1259.

GBD 2016 Causes of Death Collaborators.
Global, regional, and national age-sex specific mortality for 264 causes of death, 1980-2016: a systematic analysis for the Global Burden of Disease Study 2016.
Lancet. 2017 Sep 16;390(10100):1151-1210.

GBD 2016 Mortality Collaborators.
Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970-2016: a systematic analysis for the Global Burden of Disease Study 2016.
Lancet. 2017 Sep 16;390(10100):1084-1150.

GBD 2016 SDG Collaborators.
Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016.
Lancet. 2017 Sep 16;390(10100):1423-1459.

GBD 2015 Healthcare Access and Quality Collaborators.

Healthcare Access and Quality Index based on mortality from causes amenable to personal health care in 195 countries and territories, 1990-2015: a novel analysis from the Global Burden of Disease Study 2015. *Lancet*. 2017 Jul 15;390(10091):231-266.

Global Burden of Disease Health Financing Collaborator Network.
Future and potential spending on health 2015-40: development assistance for health, and government, prepaid private, and out-of-pocket health spending in 184 countries. *Lancet*. 2017 May 20;389(10083):2005-2030.

Global Burden of Disease Health Financing Collaborator Network.
Evolution and patterns of global health financing 1995-2014: development assistance for health, and government, prepaid private, and out-of-pocket health spending in 184 countries. *Lancet*. 2017 May 20;389(10083):1981-2004.

GBD 2015 Tobacco Collaborators.
Smoking prevalence and attributable disease burden in 195 countries and territories, 1990-2015: a systematic analysis from the Global Burden of Disease Study 2015. *Lancet*. 2017 May 13;389(10082):1885-1906.

Mattioli S, Graziosi F, Curti S, Bonfiglioli R, Argentino A, Violante FS.
Knee osteoarthritis in a chestnut farmer - Case Report. *Ann Agric Environ Med*. 2017 Mar 21;24(1):148-150.

Fuccio L, Mandolesi D, Farioli A, Hassan C, Frazzoni L, Guido A, de Bortoli N, Cilla S, Pierantoni C, Violante FS, Bazzoli F, Repici A, Morganti AG.
Brachytherapy for the palliation of dysphagia owing to esophageal cancer: A systematic review and meta-analysis of prospective studies. *Radiother Oncol*. 2017 Mar;122(3):332-339.

Curti S, Gori D, Di Gregori V, Farioli A, Baldasseroni A, Fantini MP, Christiani DC, Violante FS, Mattioli S.
PubMed search filters for the study of putative outdoor air pollution determinants of disease. *BMJ Open*. 2016 Dec 21;6(12):e013092

GBD 2015 Maternal Mortality Collaborators.
Global, regional, and national levels of maternal mortality, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet*. 2016 Oct 8;388(10053):1775-1812.

GBD 2015 Child Mortality Collaborators.
Global, regional, national, and selected subnational levels of stillbirths, neonatal, infant, and under-5 mortality, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet*. 2016 Oct 8;388(10053):1725-1774.

GBD 2015 Risk Factors Collaborators.
Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet*. 2016 Oct 8;388(10053):1659-1724.

GBD 2015 DALYs and HALE Collaborators.
Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet*. 2016 Oct 8;388(10053):1603-1658.

GBD 2015 Disease and Injury Incidence and Prevalence Collaborators.
Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015.
Lancet. 2016 Oct 8;388(10053):1545-1602.

GBD 2015 Mortality and Causes of Death Collaborators.
Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015.
Lancet. 2016 Oct 8;388(10053):1459-1544.

GBD 2015 SDG Collaborators
Measuring the health-related Sustainable Development Goals in 188 countries: a baseline analysis from the Global Burden of Disease Study 2015.
Lancet. 2016 Oct 8;388(10053):1813-1850.

Pira E, Romano C, Violante FS, Farioli A, Spatari G, La Vecchia C, Boffetta P.
Updated mortality study of a cohort of asbestos textile workers.
Cancer Med. 2016 Sep;5(9):2623-8.

Violante FS, Farioli A, Graziosi F, Marinelli F, Curti S, Armstrong TJ, Mattioli S, Bonfiglioli R.
Carpal tunnel syndrome and manual work: the OCTOPUS cohort, results of a ten-year longitudinal study.
Scand J Work Environ Health. 2016 Jul 1;42(4):280-90.

Antonucci A, Forcella L, Bonfiglioli R, Boscolo P, Violante FS.
Analytical characterization of movements of the spinal column and risk assessment due to repeated movements of the upper limbs of building painters.
Int J Occup Saf Ergon. 2016 Apr 19:1-10.

Farioli A, Ottone M, Morganti AG, Compagnone G, Romani F, Cammelli S, Mattioli S, Violante FS.
Radiation-induced mesothelioma among long-term solid cancer survivors: a longitudinal analysis of SEER database.
Cancer Med. 2016 May;5(5):950-9.

Lovreglio P, Doria D, Fracasso ME, Barbieri A, Sabatini L, Drago I, Violante FS, Soleo L.
DNA damage and repair capacity in workers exposed to low concentrations of benzene.
Environ Mol Mutagen. 2016 Mar;57(2):151-8.

GBD 2013 Risk Factors Collaborators.
Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013.
Lancet. 2015 Dec 5;386(10010):2287-323.

GBD 2013 DALYs and HALE Collaborators.
Global, regional, and national disability-adjusted life years (DALYs) for 306 diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990-2013: quantifying the epidemiological transition.
Lancet. 2015 Nov 28;386(10009):2145-91.

Global Burden of Disease Cancer Collaboration.
The Global Burden of Cancer 2013.
JAMA Oncol. 2015 Jul;1(4):505-27.

Global Burden of Disease Study 2013 Collaborators.

Global, regional, and national incidence, prevalence, and years lived with disability for 301 acute and chronic diseases and injuries in 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013.
Lancet. 2015 Aug 22;386(9995):743-800.

Vignoli M, Guglielmi D, Bonfiglioli R, Violante FS.
How job demands affect absenteeism? The mediating role of work-family conflict and exhaustion.
Int Arch Occup Environ Health. 2016 Jan;89(1):23-31.

GBD 2013 Mortality and Causes of Death Collaborators.
Global, regional, and national age-sex specific all-cause and cause-specific mortality for 240 causes of death, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013.
Lancet. 2015 Jan 10;385(9963):117-71.

Pillastrini P, Vanti C, Curti S, Mattioli S, Ferrari S, Violante FS, Guccione A.
Using PubMed search strings for efficient retrieval of manual therapy research literature.
J Manipulative Physiol Ther. 2015 Feb;38(2):159-66.

Barbieri A, Sabatini L, Graziosi F, Severi E, Mancini G, Violante FS.
Occupational safety and health risks in dock work: a narrative literature review.
Med Lav. 2014 Nov 24;105(6):413-34. Italian.

Farioli A, Mattioli S, Curti S, Violante FS.
Comment on 'The latency period of mesothelioma among a cohort of British asbestos workers (1978-2005)': the effect of left censoring.
Br J Cancer. 2014 Nov 25;111(11):2197-8.

Global Burden of Disease Study 2013 Collaborators.
Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013.
Lancet. 2014 Sep 13;384(9947):1005-70.

Violante FS, Bonfiglioli R, Hagberg M, Rempel D.
Carpal tunnel syndrome diagnosis in occupational epidemiological studies.
Occup Environ Med. 2014 Aug;71(8):591.

Global Burden of Disease Study 2013 Collaborators.
Global, regional, and national levels and causes of maternal mortality during 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013.
Lancet. 2014 Sep 13;384(9947):980-1004.

Vanti C, Pillastrini P, Monticone M, Ceron D, Bonetti F, Piccarreta R, Guccione A, Violante FS.
The Italian version of the Physical Therapy Patient Satisfaction Questionnaire - [PTPSQ-I(15)]: psychometric properties in a sample of inpatients.
BMC Musculoskelet Disord. 2014 Apr 23;15:135.

Bonfiglioli R, Vignoli M, Guglielmi D, Depolo M, Violante FS.
Getting vaccinated or not getting vaccinated? Different reasons for getting vaccinated against seasonal or pandemic influenza.
BMC Public Health. 2013 Dec 21;13:1221.

Pillastrini P, Bonfiglioli R, Banchelli F, Capra F, Resende Fde L, Villafane JH, Vanti C, Violante FS.
The effect of a multimodal group programme in hospital workers with persistent low back pain: a prospective observational study.

Med Lav. 2013 Sep-Oct;104(5):380-92.

Bonfiglioli R, Carnevali L, Di Lello M, Violante FS.

Bilateral hearing loss after dichloromethane poisoning: a case report.
Am J Ind Med. 2014 Feb;57(2):254-7.

Mattioli S, Gori D, Di Gregori V, Ricotta L, Baldasseroni A, Farioli A, Zanardi F, Galletti S, Colosio C, Curti S, Violante FS.

PubMed search strings for the study of agricultural workers' diseases.
Am J Ind Med. 2013 Dec;56(12):1473-81.

Farioli A, Mattioli S, Quagliari A, Curti S, Violante FS, Coggon D.

Musculoskeletal pain in Europe: the role of personal, occupational, and social risk factors.
Scand J Work Environ Health. 2014 Jan;40(1):36-46.

Curti S, Coggon D, Baldasseroni A, Cooke RM, Fresina M, Campos EC, Semeraro F, Zanardi F, Farioli A, Violante FS, Mattioli S.

Incidence rates of surgically treated rhegmatogenous retinal detachment among manual workers, non-manual workers and housewives in Tuscany, Italy.
Int Arch Occup Environ Health. 2014 Jul;87(5):539-45.

Guglielmi D, Simbula S, Vignoli M, Bruni I, Depolo M, Bonfiglioli R, Tabanelli MC, Violante FS.

Solving a methodological challenge in work stress evaluation with the Stress Assessment and Research Toolkit (StART): a study protocol.
J Occup Med Toxicol. 2013 Jun 22;8(1):18.

Farioli A, Violante FS, Mattioli S, Curti S, Kriebel D.

Risk of mesothelioma following external beam radiotherapy for prostate cancer: a cohort analysis of SEER database.
Cancer Causes Control. 2013 Aug;24(8):1535-45.

Vanti C, Bonetti F, Ceron D, Piccarreta R, Violante FS, Guccione A, Pillastrini P.

Cross-cultural adaptation and validation of the Physical Therapy Outpatient Satisfaction Survey in an Italian musculoskeletal population.
BMC Musculoskelet Disord. 2013 Apr 5;14:125.

Tabanelli MC, Bonfiglioli R, Violante FS.

Bank robberies: A psychological protocol of intervention in financial institutions and principal effects.
Work, 2014 47(4): 531-541

Brandi G, Di Girolamo S, Farioli A, de Rosa F, Curti S, Pinna AD, Ercolani G, Violante FS, Biasco G, Mattioli S.
Asbestos: a hidden player behind the cholangiocarcinoma increase? Findings from a case-control analysis.
Cancer Causes Control. 2013 May;24(5):911-8.

Zanardi F, Salvarani R, Cooke RM, Pirastu R, Baccini M, Christiani D, Curti S, Risi A, Barbieri A, Barbieri G, Mattioli S, Violante FS.

Carcinoma of the pharynx and tonsils in an occupational cohort of asphalt workers.
Epidemiology. 2013 Jan;24(1):100-3.

Sabatini L, Barbieri A, Lodi V, Violante FS.

Biological monitoring of occupational exposure to antineoplastic drugs in hospital settings.
Med Lav. 2012 Sep-Oct;103(5):394-401.

Bonfiglioli R, Mussoni P, Graziosi F, Calabrese M, Farioli A, Marinelli F, Violante FS.

Effects of 90 min of manual repetitive work on skin temperature and median and ulnar nerve conduction parameters: a pilot study in normal subjects.
J Electromyogr Kinesiol. 2013 Feb;23(1):252-9.

Panari C, Guglielmi D, Ricci A, Tabanelli MC, Violante FS.
Assessing and improving health in the workplace: an integration of subjective and objective measures with the STress Assessment and Research Toolkit (St.A.R.T.) method.
J Occup Med Toxicol. 2012 Sep 20;7(1):18.

Violante FS, Mattioli S, Camagni A, Bottoli E, Farioli A, Bonfiglioli R.
Assessment of fitness for work in health care workers: biomechanical risk factors.
Med Lav. 2012 May-Jun;103(3):198-202.

Bonfiglioli R, Mattioli S, Armstrong TJ, Graziosi F, Marinelli F, Farioli A, Violante FS.
Validation of the ACGIH TLV for hand activity level in the OCTOPUS cohort: a two-year longitudinal study of carpal tunnel syndrome.
Scand J Work Environ Health. 2013 Mar 1;39(2):155-63.

Hagberg M, Violante FS, Bonfiglioli R, Descatha A, Gold J, Evanoff B, Sluiter JK.
Prevention of musculoskeletal disorders in workers: classification and health surveillance - statements of the Scientific Committee on Musculoskeletal Disorders of the International Commission on Occupational Health.
BMC Musculoskelet Disord. 2012 Jun 21;13:109.

Bonfiglioli R, Botter A, Calabrese M, Mussoni P, Violante FS, Merletti R.
Surface electromyography features in manual workers affected by carpal tunnel syndrome.
Muscle Nerve. 2012 Jun;45(6):873-82.

Ropolo M, Balia C, Roggeri P, Lodi V, Nucci MC, Violante FS, Silingardi P, Colacci A, Bolognesi C.
The micronucleus assay as a biological dosimeter in hospital workers exposed to low doses of ionizing radiation.
Mutat Res. 2012 Aug 30;747(1):7-13.

Mattioli S, Farioli A, Cooke RM, Baldasseroni A, Ruotsalainen J, Placidi D, Curti S, Mancini G, Fierro M, Campo G, Zanardi F, Violante FS.
Hidden effectiveness? Results of hand-searching Italian language journals for occupational health interventions.
Occup Environ Med. 2012 Jul;69(7):522-4.

Forcella L, Bonfiglioli R, Cutilli P, Antonucci A, Di Donato A, Siciliano E, Cortini M, Violante FS, Boscolo P.
Occupational stress and biomechanical risk in a high fashion clothing company.
Work. 2012;41 Suppl 1:2966-70.

Angelini S, Maffei F, Bermejo JL, Ravegnini G, L'Insalata D, Cantelli-Forti G, Violante FS, Hrelia P.
Environmental exposure to benzene, micronucleus formation and polymorphisms in DNA-repair genes: a pilot study.
Mutat Res. 2012 Mar 18;743(1-2):99-104.

Vanti C, Bonfiglioli R, Calabrese M, Marinelli F, Violante FS, Pillastrini P.
Relationship between interpretation and accuracy of the upper limb neurodynamic test 1 in carpal tunnel syndrome.
J Manipulative Physiol Ther. 2012 Jan;35(1):54-63.

- Forcella L, Bonfiglioli R, Cutilli P, Siciliano E, Di Donato A, Di Nicola M, Antonucci A, Di Giampaolo L, Boscolo P, Violante FS.
Analysis of occupational stress in a high fashion clothing factory with upper limb biomechanical overload.
Int Arch Occup Environ Health. 2012 Jul;85(5):527-35.
- Apostoli P, Sala E, Curti S, Cooke RM, Violante FS, Mattioli S.
Loads of housework? Biomechanical assessments of the upper limbs in women performing common household tasks.
Int Arch Occup Environ Health. 2012 May;85(4):421-5.
- Pillastrini P, Gardenghi I, Bonetti F, Capra F, Guccione A, Mugnai R, Violante FS.
An updated overview of clinical guidelines for chronic low back pain management in primary care.
Joint Bone Spine. 2012 Mar;79(2):176-85.
- Mattioli S, Graziosi F, Bonfiglioli R, Barbieri G, Bernardelli S, Acquafresca L, Violante FS, Farioli A, Hagberg M.
A case report of vibration-induced hand comorbidities in a postwoman.
BMC Musculoskelet Disord. 2011 Feb 14;12:47.
- Vanti C, Bonfiglioli R, Calabrese M, Marinelli F, Guccione A, Violante FS, Pillastrini P.
Upper Limb Neurodynamic Test 1 and symptoms reproduction in carpal tunnel syndrome. A validity study.
Man Ther. 2011 Jun;16(3):258-63.
- Bonetti F, Curti S, Mattioli S, Mugnai R, Vanti C, Violante FS, Pillastrini P.
Effectiveness of a 'Global Postural Reeducation' program for persistent low back pain: a non-randomized controlled trial.
BMC Musculoskelet Disord. 2010 Dec 16;11:285.
- Zanardi F, Cooke RM, Maiorana A, Curti S, Farioli A, Bonfiglioli R, Violante FS, Mattioli S.
"Is this case of a very rare disease work-related?" A review of reported cases of Pacinian neuroma.
Scand J Work Environ Health. 2011 May;37(3):253-8.
- Angelini S, Kumar R, Bermejo JL, Maffei F, Barbieri A, Graziosi F, Carbone F, Cantelli-Forti G, Violante FS, Hemminki K, Hrelia P.
Exposure to low environmental levels of benzene: evaluation of micronucleus frequencies and S-phenylmercapturic acid excretion in relation to polymorphisms in genes encoding metabolic enzymes.
Mutat Res. 2011 Feb 3;719(1-2):7-13.
- Checchi L, Nucci MC, Gatti AM, Mattia D, Violante FS.
Sarcoidosis in a dental surgeon: a case report.
J Med Case Rep. 2010 Aug 10;4:259.
- European Standards Committee on Urinary (DNA) Lesion Analysis, Evans MD, Olinski R, Loft S, Cooke MS.
Toward consensus in the analysis of urinary 8-oxo-7,8-dihydro-2'-deoxyguanosine as a noninvasive biomarker of oxidative stress.
FASEB J. 2010 Apr;24(4):1249-60.
- Pillastrini P, Mugnai R, Bertozzi L, Costi S, Curti S, Guccione A, Mattioli S, Violante FS.
Effectiveness of an ergonomic intervention on work-related posture and low back pain in video display terminal operators: a 3 year cross-over trial.
Appl Ergon. 2010 May;41(3):436-43.
- Lovreglio P, Barbieri A, Carrieri M, Sabatini L, Fracasso ME, Doria D, Drago I, Basso A, D'Errico MN, Bartolucci GB, Violante FS, Soleo L.

Validity of new biomarkers of internal dose for use in the biological monitoring of occupational and environmental exposure to low concentrations of benzene and toluene.
Int Arch Occup Environ Health. 2010 Mar;83(3):341-56.

Mattioli S, Zanardi F, Baldasseroni A, Schaafsma F, Cooke RM, Mancini G, Fierro M, Santangelo C, Farioli A, Fucksia S, Curti S, Violante FS, Verbeek J.
Search strings for the study of putative occupational determinants of disease.
Occup Environ Med. 2010 Jul;67(7):436-43.

Morandi E, Severini C, Quercioli D, Perdichizzi S, Mascolo MG, Horn W, Vaccari M, Nucci MC, Lodi V, Violante FS, Bolognesi C, Grilli S, Silingardi P, Colacci A.
Gene expression changes in medical workers exposed to radiation.
Radiat Res. 2009 Oct;172(4):500-8.

Mattioli S, Baldasseroni A, Bovenzi M, Curti S, Cooke RM, Campo G, Barbieri PG, Ghersi R, Broccoli M, Cancellieri MP, Colao AM, Dell'omo M, Fateh-Moghadam P, Franceschini F, Fucksia S, Galli P, Gobba F, Lucchini R, Mandes A, Marras T, Sgarrella C, Borghesi S, Fierro M, Zanardi F, Mancini G, Violante FS.
Risk factors for operated carpal tunnel syndrome: a multicenter population-based case-control study.
BMC Public Health. 2009 Sep 16;9:343.

Pillastrini P, Mugnai R, Bertozzi L, Costi S, Curti S, Mattioli S, Violante FS.
Effectiveness of an at-work exercise program in the prevention and management of neck and low back complaints in nursery school teachers.
Ind Health. 2009 Aug;47(4):349-54.

Mattioli S, Baldasseroni A, Curti S, Cooke RM, Mandes A, Zanardi F, Farioli A, Buiatti E, Campo G, Violante FS.
Incidence rates of surgically treated idiopathic carpal tunnel syndrome in blue- and white-collar workers and housewives in Tuscany, Italy.
Occup Environ Med. 2009 May;66(5):299-304.

Mattioli S, Baldasseroni A, Curti S, Cooke RM, Bena A, de Giacomi G, dell'Omo M, Fateh-Moghadam P, Melani C, Biocca M, Buiatti E, Campo G, Zanardi F, Violante FS.
Incidence rates of in-hospital carpal tunnel syndrome in the general population and possible associations with marital status.
BMC Public Health. 2008 Oct 28;8:374.

Barbieri A, Violante FS, Sabatini L, Graziosi F, Mattioli S.
Urinary biomarkers and low-level environmental benzene concentration: assessing occupational and general exposure.
Chemosphere. 2008 Dec;74(1):64-9.

Mattioli S, De Fazio R, Buiatti E, Truffelli D, Zanardi F, Curti S, Cooke RM, Baldasseroni A, Miglietta B, Bonfiglioli R, Tassinari G, Violante FS.
Physical exertion (lifting) and retinal detachment among people with myopia.
Epidemiology. 2008 Nov;19(6):868-71.

Tabanelli MC, Depolo M, Cooke RM, Sarchielli G, Bonfiglioli R, Mattioli S, Violante FS.
Available instruments for measurement of psychosocial factors in the work environment. Int Arch Occup Environ Health. 2008 Oct;82(1):1-12.

Sabatini L, Barbieri A, Indiveri P, Mattioli S, Violante FS.

Validation of an HPLC-MS/MS method for the simultaneous determination of phenylmercapturic acid, benzylmercapturic acid and o-methylbenzyl mercapturic acid in urine as biomarkers of exposure to benzene, toluene and xylenes.

J Chromatogr B Analyt Technol Biomed Life Sci. 2008 Feb 15;863(1):115-22.

7.4 Book chapters published by international publishers

Mattioli S, Curti S, Farioli A, Violante FS.

Retinal detachment and occupational lifting: rediscovering lost knowledge.

in: Venables K (editor): Current topics in occupational epidemiology, Oxford University Press, Oxford, 2013.

Mattioli S, Violante FS, Bonfiglioli R.

Upper-extremity and neck disorders associated with keyboard and mouse use.

Handb Clin Neurol. 2015;131:427-33.

Bonfiglioli R, Mattioli S, Violante FS.

Occupational mononeuropathies in industry.

Handb Clin Neurol. 2015;131:411-26.

Violante FS, Mattioli S, Bonfiglioli R.

Low-back pain. Handb Clin Neurol. 2015;131:397-410.

7.5 Books published by international publishers/editors

Violante FS, Armstrong TJ, Kilbom A (editors): Occupational Ergonomics - Work related Musculoskeletal Disorders of the Upper Limb and Back, Taylor and Francis, London, 2000, translated and published in Korean in 2002.

7.6 Principal investigator in research contracts and programs funded by the following institutions

European Foundation for the Improvement of Living and Working Conditions, Dublin, Ireland

Italian Ministry of Environment

Italian Ministry of Health

Italian National Institute for Occupational Safety and Health (ISPESL)

Italian national Workers Compensation Board (INAIL)

Emilia Romagna Region

Bologna Province

Bologna Municipality

8. Current teaching appointments (Alma Mater Studiorum University of Bologna)

8.1 PhD Schools

PhD School of General Medical Sciences and Services Sciences

8.2 Schools of Specialization

School of Specialization in General Surgery

School of Specialization in Vascular Surgery

School of Specialization in Radiology

School of Specialization in Respiratory Diseases

School of Specialization in Infectious Diseases

School of Specialization in Occupational Medicine

School of Specialization in Physical Medicine and Rehabilitation

8.3 Master degrees

Course of Medicine
Course of Health Professions and Preventive Sciences

8.4 Bachelor degrees

Course of Physiotherapy
Course of Nursing
Course of Midwifery
Course of Environmental and Occupational Preventive Techniques

8.5 Direction of courses

since 2004: Director of the School of Specialization in Occupational Medicine
since 2015: Director of the Course of Physiotherapy

9. References

Prof. Thomas J. Armstrong PhD
Professor of Industrial and Operations Engineering and Professor of Biomedical Engineering
Director, Center for Ergonomics, University of Michigan, Ann Arbor, Michigan, USA
tja@umich.edu

Prof. David Christiani MD, MS, MPH
Elkan Blout Professor of Environmental Genetics
Harvard School of Public Health, Boston, Massachusetts, USA
dchris@hsph.harvard.edu

Prof. Mats Hagberg MD PhD
Chairman, Sahlgrenska School of Public Health and Community Medicine, University of Gothenburg, Sweden
Chief physician and Director, Department of Occupational & Environmental Medicine, Sahlgrenska University Hospital, Gothenburg, Sweden
mats.hagberg@amm.gu.se

Prof. David M. Rempel, MD, MPH
Professor of Medicine (UCSF) and Professor in Bioengineering (UCB)
School of Medicine, Division of Occupational and Environmental Medicine, University of California, Richmond, California, USA
david.rempel@ucsf.edu

Francesco S. Violante

F. Violante