

Curriculum Vitae
(formato Europass: sezioni 1-4)

1. Informazioni personali

Nome **Francesco Saverio**
Cognome: **Violante**

Luogo e data di nascita:

Indirizzo professionale:
Unità Operativa Medicina del Lavoro
Policlinico Sant'Orsola Malpighi
via Palagi 9, 40138 Bologna

e-mail: francesco.violante@unibo.it

Altre informazioni personali:

2. Esperienza professionale

2.1 Posizioni ricoperte attualmente

Professore Ordinario di Medicina del Lavoro, Settore Scientifico Disciplinare MED/44 Medicina del Lavoro, Alma Mater Studiorum Università di Bologna e Direttore, Unità Operativa Medicina del Lavoro, Azienda Ospedaliero-Universitaria di Bologna

2.2 Posizioni ricoperte in precedenza

- dal 1.3.2002 al 30.9.2006: Professore Associato, Settore Scientifico Disciplinare MED/44 Medicina del Lavoro, Università di Bologna e Direttore, Unità Operativa Medicina del Lavoro, Azienda Ospedaliero-Universitaria di Bologna (dal 1.5.2000 al 31.12.2001 e poi dal 1.7.2004)

- dal 15.1.1983 al 28.2.2002: Dirigente Medico di Medicina del Lavoro presso l'Azienda USL di Bologna (fino al 29.12.1987) ed in seguito presso l'Azienda Ospedaliero-Universitaria di Bologna

3. Istruzione e formazione

3.1 Titoli di studio

1973-1979: Laurea in Medicina e Chirurgia, Università di Bologna

1979-1983: Specializzazione in Medicina del Lavoro, Università di Padova

1983-1986: Specializzazione in Medicina Legale, Università di Macerata

1986-1989: Specializzazione in Neurofisiologia Clinica, Università di Pavia

3.2 Altri titoli

1985: Abilitazione all'esercizio dell'attività di Medico Autorizzato (numero 40762 dell'elenco nazionale)

4. Competenze personali

4.1 Lingua madre

Italiano

4.2 Lingua straniera

Inglese: Livello C1 - Utente avanzato (comprensione, parlato e produzione scritta)

4.3 Competenze comunicative

Eccellenti competenze comunicative sviluppate attraverso una lunga esperienza di medico, ricercatore e professore universitario.

4.4 Competenze organizzative e gestionali

Competenza	Livello
Progettazione, implementazione e direzione di un centro di ricerche e servizi per la salute multidisciplinare e tecnologicamente complesso	Avanzato
Implementazione di reti collaborative internazionali di ricerca	Avanzato
Pianificazione e realizzazione di grandi studi di coorte	Avanzato
Formazione e supervisione di studenti e giovani ricercatori	Avanzato

4.5 Competenze cliniche

Skills	Level
Servizi clinici preventivi	Avanzato
Diagnosi e trattamento di patologie occupazionali e ambientali	Avanzato
Elettromiografia e potenziali evocati	Avanzato
Spirometria	Avanzato
Audiometria	Avanzato

4.6 Competenze digitali

Skills	Level
Elaborazione delle informazioni	Utente avanzato
Comunicazioni	Utente avanzato
Creazione di contenuti	Utente autonomo
Sicurezza	Utente avanzato
Risoluzione di problemi	Utente avanzato
Altre competenze informatiche	Analisi statistica (Stata, R), Elaborazione di segnali, programmazione (utente autonomo)

5. Nomina in commissioni di esperti

1990 - 1995: Nomina da parte della Giunta Regionale a componente del Gruppo Tecnico di valutazione dei programmi delle Unità Sanitarie Locali (Delibera 5222 del 30.10.1990)

1992 - 2002: Nomina da parte della Giunta Regionale a componente della Commissione Oncologica Regionale (Delibere 994 del 24.3.1992 e 1323 del 26.7.1999)

1995 - 2004: Nomina a componente della Task-Force per l'applicazione del Decreto Legislativo 626/1994 della Regione Emilia-Romagna

2003 - 2006: Nomina nel comitato di esperti del progetto "European risk observatory" dell'Agencia Europea per la Salute e la Sicurezza del Lavoro, Bilbao

2007 - 2012: Nomina da parte della Giunta Regionale a componente del Comitato Scientifico del progetto MONITER della Regione Emilia-Romagna (impatto ambientale e sulla salute degli inceneritori di rifiuti)

2016-2018: Nomina da parte del MIUR a commissario per l'abilitazione Scientifica Nazionale, Settore concorsuale 06/M2

2018-2022: Nomina da parte del Ministero della Salute a componente del Comitato per l'indirizzo e la valutazione delle politiche attive e per il coordinamento nazionale delle attività di vigilanza in materia di salute e sicurezza sul lavoro

6. Cariche in società scientifiche

International Commission on Occupational Health, membro del Consiglio Direttivo (2018-2021)

Società Italiana di Medicina del Lavoro e Igiene Industriale, Presidente (2015-2018)

Collegio dei Professori Ordinari di Medicina del Lavoro, Presidente (2018 - 2022)

The Bertrand Russell Society, membro

The British Wittgenstein Society, membro

7. Attività di ricerca scientifica

7.1 Interessi di ricerca

Durante i quasi 40 anni della mia attività di ricerca ho esplorato diverse aree della medicina occupazionale e ambientale con una forte attenzione al collegamento tra attività di ricerca e pratica, aderendo al principio della medicina basata sull'evidenza. Ciò caratterizza ancora la mia attività scientifica (e quella dei colleghi che lavorano con me).

Il periodo iniziale (anni 1980-1990) della mia attività di ricerca è contraddistinto da un specifico interesse verso l'applicazione delle tecniche elettrofisiologiche (perfezionate durante un soggiorno al Dipartimento di Fisiologia dell'Università di Liverpool nel 1981) allo studio della patologia da lavoro, e principalmente alle esposizioni a pesticidi e solventi. Caratteristici di tale periodo sono alcuni lavori sulle neuropatie associate all'esposizione a pesticidi organofosforici e a solventi, prevalentemente pubblicati su riviste scientifiche nazionali. Prende forma in quegli anni anche un interesse specifico verso l'epidemiologia clinica della patologia da lavoro e la tossicologia occupazionale e ambientale (in questo ultimo campo prevalentemente applicata allo studio della contaminazione di lavoratori - e non - da parte di pesticidi organoclorati).

Successivamente (anni 1990-2000) l'interesse verso l'applicazione delle tecniche elettrofisiologiche alla Medicina del Lavoro mi spinge ad applicarle allo studio della patologia muscoloscheletrica dell'arto superiore, ed in particolare alla sindrome del tunnel carpale. In questo campo ho avviato una fitta serie di rapporti internazionali (ancora in atto), in particolare con il Center for Ergonomics dell'Università del Michigan ma anche con altri centri negli Stati Uniti e in Europa. Risale a quegli anni anche una intensa attività di reperimento di risorse umane e finanziarie per attrezzare un laboratorio di elettrofisiologia e biomeccanica per lo studio della patologia muscoloscheletrica (con l'uso anche di metodiche ecografiche per la valutazione di muscoli e tendini), un laboratorio di tossicologia dotato di attrezzature di alto livello per analisi di tipo chimico e un laboratorio di epidemiologia. Caratteristiche di questo periodo sono le prime pubblicazioni sulla patologia muscoloscheletrica e l'organizzazione del primo Congresso Nazionale della Società Italiana di Medicina del Lavoro e Igiene Industriale dedicato a questo tema (Bologna, 1995).

Ancora successivamente (anni 2000-2010), reperite le risorse umane, strumentali e finanziarie necessarie, ho dato impulso ad un'intensa attività di ricerca sui temi della patologia muscoloscheletrica, dell'epidemiologia, della tossicologia occupazionale e ambientale e della medicina preventiva che si traduce in numerose pubblicazioni su riviste con Impact Factor, libri e capitoli di libri pubblicati da editori

internazionali. In tema ambientale sono stato componente del Comitato Scientifico del progetto MONITER della Regione Emilia-Romagna (impatto ambientale e sulla salute degli inceneritori di rifiuti) ed ho curato la valutazione degli impatti sulla salute di grandi infrastrutture di trasporto, quali il corridoio Tirreno-Brennero, la Tangenziale Esterna Milanese e l'autostrada Cispadana.

La mia attività più recente (2010 ad oggi) si è concentrata maggiormente sull'epidemiologia (sia dei tumori che di altre patologie), sui temi della salute globale e dell'economia sanitaria. Uno dei progetti più recenti al quale collaboro in veste di esperto per i problemi occupazionali ed ambientali e per l'Italia è il Global Burden of Disease Study, condotto dall'Institute for Health Metrics and Evaluation (Prof. CJ Murray) e finanziato dalla Bill and Melinda Gates Foundation. Sono anche il responsabile del più vasto studio fino ad oggi pubblicato nel mondo sulla sindrome del tunnel carpale di natura lavorativa (4.000 lavoratori, 10 anni di follow-up). Inoltre, sto lavorando con diverse compagnie per migliorare l'ergonomia e l'efficienza dei processi produttivi: durante queste ricerche sono stati sviluppati prodotti altamente innovativi, già oggetto di brevetto, mentre altri sono attivamente sviluppati.

Ho sempre dato grande valore alla collaborazione internazionale nella ricerca e formazione: sono stato responsabile della definizione di un Protocollo d'intesa per progetti di ricerca comuni, scambio di insegnanti e studenti, tra la Scuola di Medicina dell'Università di Bologna e la Harvard School of Public Health da un lato, e la Scuola di Medicina Mount Sinai di New York dall'altro. Di tali accordi sono responsabile per l'Ateneo Bolognese.

7.2 Brevetti

- 3.11.2016 numero 102016000110570, Ergonomic handle for hand-held tools
- 21.6.2017 numero 102017000069353, Sensorized glove for monitoring hand force during manual work
- 5.8.2020 numero 102020000019315, System for assessing biomechanical risk due to manual material handling

7.3 Indici bibliometrici

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

Fonte	H-Index	Citazioni
Web of Science	47	33.837
Scopus	51	37.084
Google Scholar	60	46.648

Sono anche incluso nell'elenco della VIA Academy's dei Top Italian Scientists, Macro Area Clinical Sciences (<https://www.topitalianscientists.org/top-italian-scientists/Francesco%20S.%20Violante>)

7.4 Articoli pubblicati su riviste scientifiche internazionali con Impact Factor

Sono co-autore di oltre duecento lavori, pubblicati in lingua inglese su riviste scientifiche internazionali censite da Clarivate Web of Science (con Impact Factor). Di seguito sono elencati i lavori pubblicati negli ultimi 10 anni (dal 2010 ad oggi, i più recenti per primi, nell'ordine in cui compaiono in PubMed).

* * * * *

Local Burden of Disease Vaccine Coverage Collaborators.
Mapping routine measles vaccination in low- and middle-income countries.
Nature. 2020 Dec 16:1–10.

Violante T, Violante FS

Surgical masks vs respirators for the protection against coronavirus infection: state of the art.
Med Lav. 2020 Oct 31;111(5):365-371.

GBD 2019 Risk Factors Collaborators.

Global burden of 87 risk factors in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019.
Lancet. 2020 Oct 17;396(10258):1223-1249.

GBD 2019 Diseases and Injuries Collaborators.

Global burden of 369 diseases and injuries in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019.
Lancet. 2020 Oct 17;396(10258):1204-1222.

GBD 2019 Demographics Collaborators.

Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950-2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019.
Lancet. 2020 Oct 17;396(10258):1160-1203.

GBD 2019 Viewpoint Collaborators.

Five insights from the Global Burden of Disease Study 2019.
Lancet. 2020 Oct 17;396(10258):1135-1159.

Alicandro G, Grande E, Sebastiani G, Violante FS, La Vecchia C, Frova L.

Mortality from suicide among agricultural, fishery, forestry and hunting workers in Italy and the contribution of work-related factors.
Occup Environ Med. 2020 Oct 1;:oemed-2020-106743.

Local Burden of Disease 2019 Neglected Tropical Diseases Collaborators.

The global distribution of lymphatic filariasis, 2000-18: a geospatial analysis.
Lancet Glob Health. 2020 Sep;8(9):e1186-e1194.

Local Burden of Disease WaSH Collaborators.

Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000-17.
Lancet Glob Health. 2020 Sep;8(9):e1162-e1185.

Violante FS.

Criteria for diagnosis and attribution of an occupational musculoskeletal disease.
Med Lav. 2020 Aug 31;111(4):249-268.

GBD 2019 Universal Health Coverage Collaborators.

Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019.
Lancet. 2020 Oct 17;396(10258):1250-1284.

James SL, ..., Violante FS, ...Vos T.

Estimating global injuries morbidity and mortality: methods and data used in the Global Burden of Disease 2017 study.
Inj Prev. 2020 Oct;26(Suppl 1):i125-i153.

Local Burden of Disease Diarrhoea Collaborators.

Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000-17.
Lancet Glob Health. 2020 Aug;8(8):e1038-e1060.

GBD Chronic Respiratory Disease Collaborators.
Prevalence and attributable health burden of chronic respiratory diseases, 1990-2017: a systematic analysis for the Global Burden of Disease Study 2017.
Lancet Respir Med. 2020 Jun;8(6):585-596.

Local Burden of Disease Diarrhoea Collaborators.
Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000-17: analysis for the Global Burden of Disease Study 2017.
Lancet. 2020 Jun 6;395(10239):1779-1801.

Global Burden of Disease Health Financing Collaborator Network.
Health sector spending and spending on HIV/AIDS, tuberculosis, and malaria, and development assistance for health: progress towards Sustainable Development Goal 3.
Lancet. 2020 Apr 23:S0140-6736(20)30608-5.

James SL, ... Violante FS, ... Vos T.
Global injury morbidity and mortality from 1990 to 2017: results from the Global Burden of Disease Study 2017.
Inj Prev. 2020 Apr 24;injuryprev-2019-043494.

LBD Double Burden of Malnutrition Collaborators.
Mapping local patterns of childhood overweight and wasting in low- and middle-income countries between 2000 and 2017.
Nat Med. 2020 May;26(5):750-759.

GBD 2016 Occupational Carcinogens Collaborators.
Global and regional burden of cancer in 2016 arising from occupational exposure to selected carcinogens: a systematic analysis for the Global Burden of Disease Study 2016.
Occup Environ Med. 2020 Mar;77(3):151-159.

GBD 2016 Occupational Chronic Respiratory Risk Factors Collaborators; GBD 2016 occupational chronic respiratory risk factors collaborators.
Global and regional burden of chronic respiratory disease in 2016 arising from non-infectious airborne occupational exposures: a systematic analysis for the Global Burden of Disease Study 2016. Occup Environ Med. 2020 Mar;77(3):142-150.

GBD 2016 Occupational Risk Factors Collaborators.
Global and regional burden of disease and injury in 2016 arising from occupational exposures: a systematic analysis for the Global Burden of Disease Study 2016.
Occup Environ Med. 2020 Mar;77(3):133-141.

Milandri A, Farioli A, Gagliardi C, Longhi S, Salvi F, Curti S, Foffi S, Caponetti AG, Lorenzini M, Ferlini A, Rimessi P, Mattioli S, Violante FS, Rapezzi C.
Carpal tunnel syndrome in cardiac amyloidosis: implications for early diagnosis and prognostic role across the spectrum of aetiologies.
Eur J Heart Fail. 2020 Jan 23. doi: 10.1002/ejhf.1742. [Epub ahead of print]

Local Burden of Disease Child Growth Failure Collaborators.
Mapping child growth failure across low- and middle-income countries.
Nature. 2020 Jan;577(7789):231-234.

Haagsma JA, ... Violante FS, ... Vos T.

Burden of injury along the development spectrum: associations between the Socio-demographic Index and disability-adjusted life year estimates from the Global Burden of Disease Study 2017. *Inj Prev*. 2020 Jan 8. pii: injuryprev-2019-043296.

Local Burden of Disease Educational Attainment Collaborators.

Mapping disparities in education across low- and middle-income countries. *Nature*. 2020 Jan;577(7789):235-238.

Apostoli P, Boffetta P, Bovenzi M, Cocco PL, Consonni D, Cristaudo A, Discalzi G, Farioli A, Manno M, Mattioli S, Pira E, Soleo L, Taino G, Violante FS, Zocchetti C.

Position Paper on Asbestos of the Italian Society of Occupational Medicine. *Med Lav*. 2019 Dec 17;110(6):459-485.

GBD 2017 Italy Collaborators.

Italy's health performance, 1990-2017: findings from the Global Burden of Disease Study 2017. *Lancet Public Health*. 2019 Dec;4(12):e645-e657.

Burstein R, ... Violante FS, ... Hay SI

Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. *Nature*. 2019 Oct;574(7778):353-358

Global Burden of Disease Cancer Collaboration

Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2017: A Systematic Analysis for the Global Burden of Disease Study.

JAMA Oncol. 2019 Sep 27. doi: 10.1001/jamaoncol.2019.2996. [Epub ahead of print]

Violante FS, Zompatori M, Lovreglio P, Apostoli P, Marinelli F, Bonfiglioli R.

Is age more than manual material handling associated with lumbar vertebral body and disc changes? A cross-sectional multicentre MRI study. *BMJ Open*. 2019 Sep 18;9(9):e029657

Global Burden of Disease Health Financing Collaborator Network.

Past, present, and future of global health financing: a review of development assistance, government, out-of-pocket, and other private spending on health for 195 countries, 1995-2050.

Lancet. 2019 Jun 1;393(10187):2233-2260

Mariani MG, Vignoli M, Chiesa R, Violante FS, Guglielmi D.

Improving Safety through Non-Technical Skills in Chemical Plants: The Validity of a Questionnaire for the Self-Assessment of Workers.

Int J Environ Res Public Health. 2019 Mar 19;16(6)

GBD 2016 Neurology Collaborators.

Global, regional, and national burden of neurological disorders, 1990-2016: a systematic analysis for the Global Burden of Disease Study 2016.

Lancet Neurol. 2019 May;18(5):459-480

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, Brugnattini 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.

Cecchi 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.

7.4. Capitoli di libri pubblicati da editori internazionali (in inglese)

Violante FS, Farioli A, Spatari G, Broccoli A, Zinzani PL.
Lymphohematopoietic Malignancies
in: Boffetta P, Anttila S. Occupational Cancer. 2nd edition, Springer Nature 2020

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 Libri pubblicati da editori internazionali (in inglese)

Violante FS, Armstrong TJ, Kilbom A (editors): Occupational Ergonomics - Work related Musculoskeletal Disorders of the Upper Limb and Back, Taylor and Francis, London, 2000, (tradotto e pubblicato in coreano nel 2002).

7.6 Responsabilità principale di contratti di ricerca e programmi finanziati dalle istituzioni indicate di seguito

European Foundation for the Improvement of Living and Working Conditions, Dublino
Ministero dell'Ambiente
Ministero della Salute
ISPESL
INAIL
Regione Emilia-Romagna

8. Attività di insegnamento accademico in corso

8.1. Insegnamenti in Scuole di Dottorato

- Scuola di Dottorato in Scienze Mediche generali e Scienze dei servizi

8.2. Insegnamenti in Scuole di Specializzazione

Scuola di Specializzazione in Chirurgia Vascolare
Scuola di Specializzazione in Radiologia
Scuola di Specializzazione in Malattie Infettive
Scuola di Specializzazione in Medicina del Lavoro
Scuola di Specializzazione in Medicina Fisica e Riabilitativa

8.3. Insegnamenti in Corsi di Laurea Specialistica

Corso di Laurea Specialistica in Medicina e Chirurgia
Corso di Laurea Magistrale in Scienze delle Professioni Sanitarie della Prevenzione

8.4. Insegnamenti in Corsi di Laurea

Corso di Laurea in Fisioterapia
Corso di Laurea in Infermieristica
Corso di Laurea in Ostetricia
Corso di Laurea in Tecniche della Prevenzione nell'Ambiente e nei Luoghi di Lavoro

8.5. Direzione di Corsi di Studio

dal 2004: Direttore della Scuola di Specializzazione in Medicina del Lavoro

9. Referenze

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
e-mail: 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
e-mail: 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