

# **MARCO VIVARELLI**

**(APRIL 2024)**

<b>Nationality</b>	Italian
<b>Birth</b>	February 11th, 1963; Piacenza
<b>Addresses</b>	Università Cattolica del Sacro Cuore - Facoltà di Economia Largo Gemelli 1, 20123 Milano phone: +39-02-72342921 fax. +39-02-72343739 <a href="mailto:marco.vivarelli@unicatt.it">marco.vivarelli@unicatt.it</a> <a href="https://sites.google.com/site/mvivarel/">homepage: <u>https://sites.google.com/site/mvivarel/</u></a>
<b>Degrees</b>	<b>Ph.D.</b> in Economics (Pavia University) <b>Ph.D.</b> in Science and Technology Policy (SPRU - Sussex University) <b>Laurea</b> (five years degree) in Economics (Bocconi University - Milano)
<b>Honours</b>	<b>Cavaliere al Merito della Repubblica Italiana</b> (Presidential decree, June, 2nd, 2009) <b>Member of the Academia Europaea</b> , since July 2019 <b>Member of the European Academy of Sciences and Arts</b> , since September 2022
<b>Language skills</b>	English (fluent); French (basic)
<b>Present position</b>	<b>Full Professor of Economics at the Catholic University (UCSC, Milano)</b> <b>Director of the Department of Economic Policy at the Catholic University (UCSC, Milano)</b>
<b>Fields of Research</b>	Economics of Innovation Entrepreneurship Applied Microeometrics
<b>Rankings</b>	- According to the <b>World's Top 2% Scientists</b> database provided by Stanford University he is ranked #533 in the economics field (#9 in Italy). -According to <b>Research.com</b> , he is ranked #607 among the top 8,000 economists worldwide (#12 in Italy); and #360 among the top 8,000 Business and Management Scientists (#6 in Italy). - According to <b>VIA-Academy</b> , he is ranked among the top Italian scientists all over the world (#17 among economists using the Google Scholar h-index and #14 using the Scopus h-index). - According to <b>REPEC-IDEAS</b> , he is among the global top 2% authors as average rank score and among the global top 5% authors with regard to other 29 more specific criteria. - According to <b>SSRN</b> , among the top 8,000 economics authors worldwide he is ranked #544 in terms of total downloads in the last twelve months and #550 in terms of all time total number of downloads.

- According to **IZA**, he is ranked #3 in terms of number of downloads, among a total of more than 11,500 IZA discussion paper authors.

## Fellowships, Professorships Scientific boards

**Affiliated Professorial Fellow** at the **United Nations University-Maastricht Economic and Social Research Institute on Innovation and Technology (UNU-MERIT)**, Maastricht) since May 2016

**Research Fellow** of the **Institute for the Study of Labor (IZA)**, Bonn) since November 2002

**Fellow of the Global Labor Organization (GLO)** since March 2017 and **thematic cluster leader**

**Member of the Scientific Executive Board** of the **Eurasia Business and Economics Society (EBES)**, Istanbul), since June 2014

**Member of the Scientific Advisory Board** of the Austrian Institute of Economic Research (**WIFO**, Vienna), since May 2013

**Member of the Scientific Advisory Board** of the **Eurasia Business and Economics Society (EBES)**, Istanbul), January 2009 - May 2014.

**Honorary Professor** at the Science Policy Research Unit (SPRU), **University of Sussex**, since October 2010 to September 2013.

**External Associate** at the Centre for the Study of Globalisation and Regionalisation (CSGR), **University of Warwick**, April 2005 – December 2012.

**External Senior Research Fellow** at the **Max Planck Institute of Economics**: Entrepreneurship, Growth and Public Policy Group (Jena), February 2004 - December 2009

**Senior Scientist** at the **Institute for Prospective Technological Studies - European Commission** (JRC-IPTS, Seville), July 2007 - December 2007 and July 2008 - February 2009

**Senior Research Economist** (Research Project Coordinator) at the **International Labour Office (ILO)**, Geneva), February 2002 - May 2005

**Research Economist** at the **International Labour Office (ILO)**, Geneva), March 1997 - February 1998

**Visiting Research Fellow** at the **Wissenschaftszentrum Berlin für Sozialforschung (WZB)**, Berlin), July 1993 - September 1993

## Editorial Boards

Member of the **Editorial Board** of the *Italian Economic Journal* since October 2023.

**Associate Editor** of *Economics of Innovation and New Technology* since September 2023.

Member of the **Editorial Review Board** of the *International Entrepreneurship and Management Journal* since September 2019.

Member of the **Editorial Board** of *Rivista Internazionale di Scienze Sociali* since January 2015.

Member of the **Scientific Committee** of the *Journal of Industrial and Business Economics - Economia e Politica Industriale* since May 2014.

**Editor-in Chief** of *Eurasian Business Review: A Journal in Industrial Organization, Innovation and Management Science* since January 2010.

**Associate Editor** of *Industrial and Corporate Change* since January 2009.

**Co-Editor** of *Economics: The Open-Access, Open-Assessment Journal* since March 2007.

**Editor** of *Small Business Economics* since January 2005.

Member of the **Editorial Board** of *Small Business Economics*, 1993-2004.

**Referee activities**

*Acta Oeconomica*  
*Administrative Sciences*  
*African Journal of Business Management*  
*Annals of Regional Science*  
*Applied Economics*  
*Applied Economics Letters*  
*Australian Economic Papers*  
*Australian Journal of Management*  
*B.E. Journal of Economic Analysis and Policy*  
*Business Ethics - A European Review*  
*Cambridge Journal of Regions, Economy and Society*  
*CEPAL Review*  
*China: An International Journal*  
*Cogent Economics and Finance*  
*Cuadernos de Economía*  
*Economia Política-Journal of Analytical and Institutional Economics*  
*Economic and Labour Relations Review*  
*Economic Geography*  
*Economic Inquiry*  
*Economic Modelling*  
*Economic Systems*  
*Economics*  
*Economics Bulletin*  
*Economics of Innovation and New Technology*  
*Economics of Transition*  
*Economies*  
*Emerging Markets Finance and Trade*  
*Empirica*  
*Empirical Economics*  
*Energy Policy*  
*Estudios de Economía*  
*ETRI Journal*  
*Eurasian Business Review*  
*European Journal of Development Research*  
*European Journal of International Management*  
*European Planning Studies*

*Feminist Economics*  
*Forecasting*  
*Foundations and Trends in Entrepreneurship*  
*Frontiers in Psychology, section Organizational Psychology*  
*Futures*  
*Growth and Change*  
*IEEE Transactions on Engineering Management*  
*Industrial and Corporate Change*  
*Industry and Innovation*  
*International Entrepreneurship and Management Journal*  
*International Journal of Entrepreneurial Venturing*  
*International Journal of Environmental Research and Public Health*  
*International Journal of Forecasting*  
*International Journal of Industrial Organization*  
*International Journal of Manpower*  
*International Journal of Social Economics*  
*International Journal of Technology Management*  
*International Journal of the Economics of Business*  
*International Labour Review*  
*International Review of Administrative Sciences*  
*International Review of Applied Economics*  
*International Review of Economics and Finance*  
*International Small Business Journal*  
*International Tax and Public Finance*  
*Italian Economic Journal*  
*Journal of African Economies*  
*Journal of Business Venturing*  
*Journal of Comparative Economics*  
*Journal of Development Studies*  
*Journal of Economic Behavior and Organization*  
*Journal of Economic Dynamics and Control*  
*Journal of Economic Geography*  
*Journal of Economic Inequality*  
*Journal of Economic Interaction and Coordination*  
*Journal of Economic Issues*  
*Journal of Economic Policy Reform*  
*Journal of Economic Psychology*  
*Journal of Economic Surveys*  
*Journal of Economics*  
*Journal of Engineering and Technology Management*  
*Journal of Evolutionary Economics*  
*Journal of Industrial and Business Economics*  
*Journal of Industry, Competition and Trade*  
*Journal of Labor Economics*  
*Journal of Population Economics*  
*Journal of Post Keynesian Economics*  
*Journal of Product Innovation Management*  
*Journal of Regional Science*  
*Journal of Small Business Management*  
*Journal of Technology Transfer*  
*Journal of Urban Economics*  
*Journal of World Business*

*Labour*  
*Labour Economics*  
*Management Science*  
*Manchester School*  
*Metroeconomica*  
*OECD Journal: Economic Studies*  
*Oxford Bulletin of Economics and Statistics*  
*Oxford Economic Papers*  
*Papers in Regional Science*  
*R&D Management*  
*Regional Science and Urban Economics*  
*Regional Studies*  
*Research in Economics*  
*Research Policy*  
*Review of Development Economics*  
*Review of Economic Studies*  
*Review of Industrial Organization*  
*Review of World Economics*  
*Science and Public Policy*  
*Scientometrics*  
*Singapore Economic Review*  
*Small Business Economics*  
*Societal Impacts*  
*Sociological Quarterly*  
*Structural Change and Economic Dynamics*  
*Sustainability*  
*Technological Forecasting & Social Change*  
*Technology in Society*  
*Technovation*  
*Telecommunications Policy*  
*World Development*  
*World Economy*  
Elgar (Publisher), Routledge (Publisher), Columbia University Press (Publisher), Administrative Sciences Association of Canada (Scientific Association), International Engineering Management Conference (Scientific Association), European Research Council (ERC, funding body, European Commission), ESRC (UK funding body); FNR (Luxembourg funding body); *Giornale degli Economisti*, *Lavoro e Relazioni Industriali*, *L'Industria*, *Rivista di Politica Economica*, *Rivista di Scienze Regionali*, *Rivista Internazionale di Scienze Economiche e Commerciali*, *Rivista Internazionale di Scienze Sociali*, *Statistica Applicata*, EGEA (Publisher), Società Italiana degli Economisti (Scientific Association), (MIUR (Italian funding body), Ateneo Italo Tedesco di Trento (Italian-German funding body), ANVUR (Italian scientific assessment authority)).

= listed in **WEB OF SCIENCE**

## **Organization of Conferences and Workshops**

- “Economics of Innovation: Where are we, how did we get here, and where are we heading?”, conference, Università Cattolica del Sacro Cuore, Milano, September 13-15, 2023.
- “Innovation, firm dynamics, employment and growth: New developments in modelling and estimation”, workshop, University of Greenwich, June 21, 2019.
- One invited plenary session within the “Eurasia Business and Economics Society (EBES) Conference” – Istanbul, May 24-26, 2012.
- “Drivers and Impacts of Corporate R&D in Small and Medium-sized Enterprises”, workshop, European Commission, JRC-IPTS, Seville, September 19, 2008.
- “Globalization, Employment and Poverty Reduction”, International Labour Office, workshop, Geneva, October 3-4, 2002.
- Two invited sessions within "ERC/METU International Conference in Economics V", Middle East Technical University, Ankara, September 10-13, 2001.
- “The Employment Impact of Innovation”, Swedish National Institute for Working Life, workshop, Stockholm, January, 30-31, 1999.
- “Birth and Start-up of Small Firms”, conference, Bocconi University-Milano, June 18- 19, 1992.

## **Member of Conference Scientific Committees**

- “9th European Conference on Corporate R&D and Innovation (CONCORDi 2023): Industrial Innovation for Open Strategic Autonomy. Leaving no one and no place behind”, JRC, Seville (Spain), October 24-26, 2023.
- “7th European Conference on Corporate R&D and Innovation (Concordi-2019): “Industrial Innovation for Transformation”, JRC, Seville (Spain), September 25-27, 2019.
- “Governance of a complex World 2016 – GCW 2016” (fifth edition), INGENIO (CSIC-UPV), Valencia (Spain), June 22-24, 2016.
- “Industrial Organization: Theory, Empirics and Experiments; third edition”, Università del Salento - Alberobello (Italy), June 26-28, 2014.
- “The Governance of a Complex World: Smart, Sustainable and Inclusive Growth”, Università di Torino, June 18-20, 2014.
- “3<sup>rd</sup> European Conference on Corporate R&D (CONCORD-2011): “The dynamics of Europe's industrial structure and the growth of the innovative firms”, JRC-IPTS, Seville (Spain), October 6, 2011.
- “Industrial Organization: Theory, Empirics and Experiments; second edition”, Università del Salento - Otranto (Italy), June 23-24, 2011.
- “2<sup>nd</sup> European Conference on Corporate R&D (CONCORD-2010): Corporate R&D - An engine for growth, a challenge for European Policy”, JRC-IPTS, Seville (Spain), March 3-4, 2010.
- “Industrial Organization: Theory, Empirics and Experiments”, Università del Salento - Lecce (Italy), June 19-20, 2009.
- “3rd Hellenic Workshop on Productivity and Efficiency Measurement: Industry Dynamics, Productivity, Entrepreneurship and Growth”, University of Patras (Greece), June 9-11, 2006.
- “Firm Demography and Industrial Location”, Rovira i Virgili University, Reus (Spain), November 17-19, 2005.

## **Research Evaluation**

In 2011 he has acted as member of the evaluation commission of the research department: Dynamiques des Organisations et du Travail (DOT) of the Centre d'études de l'emploi (CEE), Noisy-le-Grand (Paris, France).

In 2015 he was nominated by the Italian National Agency for the Evaluation of Universities and Research Institutes (ANVUR) **member of the Group of Evaluation Experts for Economics, Business and Statistics** (GEV 13), a national commission of 31 academics, entitled to assess the national research activities over the period 2011-2014.

## **Fund raising**

- **Ministero dell'Istruzione, dell'Università e della Ricerca (MIUR)**, PRIN (Progetti di ricerca di Rilevante Interesse Nazionale, grant number P2022RYFET: “Circular Economy Innovation and the socio-economic impacts on sectors and regions”) (total budget = EUR 105,017; principal investigator of a local unit), 2024-2026.
- **Ministero dell'Istruzione, dell'Università e della Ricerca (MIUR)**, PRIN (Progetti di ricerca di Rilevante Interesse Nazionale, grant number 2022P499ZB: “Innovation and labor market dynamics”) (total budget = EUR 204,610; principal investigator), 2023-2025.
- Ministero dell'Istruzione, dell'Università e della Ricerca (MIUR)**, PRIN (Progetti di ricerca di Rilevante Interesse Nazionale, grant number 201799ZJSN) : “Technological change, industry evolution, and employment dynamics”, total budget = EUR 606,603; (principal investigator ), 2020-2023.
- European Commission (**Joint Research Center, Sevilla**): “ A reappraisal of the impact of Corporate R&D and Innovation on Employment”, total budget = EUR 47,708 (principal investigator), 2015-2016.
- European Commission (Econometric and Applied Statistics Unit, **JRC-IPSC, Ispra**), scientific consultancy, 2012-2014.
- United Nations Industrial Development Organization (**UNIDO**, Vienna), scientific consultancy, 2012-2013
- **World Bank** (WB, Washington), scientific consultancy, 2011-2012
- **Inter-American Development Bank** (IDB, Washington), scientific consultancy, 2011-2012
- European Commission (**IPTS-JRC, Sevilla**), scientific consultancy, 2009-2012
- **European Commission** (Erawatch Network; Brussels), scientific consultancy, 2010-2012
- **European Commission** (FP6, second call - Priority 7): sub-contractor, 2005-2008
- **European Commission** (ETEPS network): external expert, 2005-2006
- **International Labour Office** (ILO, Geneva): “Understanding Globalization, Employment and Poverty Reduction”, total budget = US\$ 1,339,078 (research team leader and project coordinator), 2002-2005
- **European Commission** (Institute for Prospective Technological Studies, Sevilla) (project leader), 2000-2002
- **European Commission** (Targeted Socio Economic Research) (leader of a project unit), 1996-1998

- **MIUR** (Italian Ministry of Research) (leader of project units), various years

<b>Presentations</b>	157 international conferences and workshops (126 invitations; of which 26 invited keynotes) 67 international invited seminars 60 Italian conferences and workshops (32 invitations) 43 Italian invited seminars
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<b>Teaching activity</b>	Full Professor at the Catholic University of Milano Faculty of Economics Since November 2014
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Full Professor at the Catholic University of Milano  
Faculty of Economics located in Piacenza  
April 2002 – October 2014

Associate Professor at the Catholic University of Milano  
Faculty of Economics located in Piacenza  
November 1999 - March 2002

Associate Professor at Calabria University  
November 1998 - October 1999

Lecturer at the Catholic University of Milano  
Faculty of Economics located in Piacenza  
April 1993 - October 1998

Professor (short term contract) at the University of Sassari  
October 1992 - March 1993

Teaching Assistant at Bocconi University - Milano  
November 1991 - March 1993

<b>Ph.D. Programs</b>	Università Cattolica di Milano: Management & Innovation (T/E/S)-current
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Teaching (T)	Sant'Anna-IUSS Doctoral Program in Economics (T/E)-current
Examining (E)	Università Cattolica di Milano: Economics (T/E/S)
Supervision (S)	Università degli Studi di Ancona (T/S) Università degli Studi di Pavia (E/S) Università degli Studi di Torino (T/E) Scuola Superiore Sant'Anna di Pisa (T/E) Scuola Universitaria Superiore IUSS Pavia (E) Università degli Studi della Calabria (E) Università degli Studi di Bologna (E/S) Università degli Studi di Roma Tor Vergata (E) Università del Salento - Lecce (E) Università degli Studi di Urbino "Carlo Bo" (T/E) Università "La Sapienza" - Roma (T/E) Università degli Studi di Siena (T, international summer school) Università degli Studi dell'Insubria - Varese (T) Universidad de Castilla-La Mancha (E)

Bielefeld Graduate School of Economics and Management (T)  
Technical University of Lisbon (E/T, international summer school)  
Lisbon University (T, international summer school)  
Universidad Complutense Madrid (T, international summer school)  
Universidad Rovira i Virgili - Tarragona-Reus (E)  
Universidad de Barcelona (E/S)  
University of Patras (E/S)  
Université de Strasbourg (E)  
Université de Sousse (E)  
UNU-MERIT – Maastricht University (E)  
Université Libre de Bruxelles (E)  
Free University of Berlin (T)

- Ph.D. Supervision** name, year of Ph.D. (current affiliation)  
Dr. Ilina Srour, 2014 (Lebanese American University, Beirut)  
Dr. Gabriele Pellegrino, 2013 (EPFL, Lausanne)  
Dr. Mario Veneziani, 2010 (Università di Parma)  
Dr. Alessandra Catozzella, 2008 (AXA Insurance, Milano)  
Prof. Elena Meschi, 2007 (Università Ca' Foscari, Venezia)  
Dr. Andrea Conte, 2005 (JRC-IPTS, European Commission, Seville)  
Prof. Mariacristina Piva , 2001(Università Cattolica, Piacenza)  
Dr. Gianluca Grimalda, 2000 (Kiel Institute for the World Economy, Kiel)  
Prof. Fabio Montobbio, 1999 (Università Cattolica, Milano)  
Dr. Vincenzo Spiezia, 1997 (OECD, Paris)  
Prof. Donatella Gatti, 1997 (Université Paris-Nord, Paris XIII, Paris)

## **PUBLICATIONS**

- Number of citations in the **SCOPUS** database: **5,335 (*h-index = 45*)**
- Number of citations in the **Google Scholar** database: **15,851 (*h-index = 69*)**

## **Books**

- 1) Vivarelli, M. (2007), **Entry and Post-Entry Performance of Newborn Firms**, Routledge, London and New York.
- 2) Vivarelli, M. (1995), **The Economics of Technology and Employment: Theory and Empirical Evidence**, Elgar, Cheltenham, reprinted 1997.

## **Books (ed.)**

- 3) Lee, E. - Vivarelli, M. (2006) (eds.), **Globalization, Employment and Income Distribution in Developing Countries**, Palgrave Macmillan, New York.
- 4) Lee, E. - Vivarelli, M. (2004) (eds.), **Understanding Globalization, Employment and Poverty Reduction**, Palgrave Macmillan, New York.

- 5) Vivarelli, M. - Pianta, M. (2000) (eds.), **The Employment Impact of Innovation: Evidence and Policy**, Routledge, London, reprinted 2001.

## **Articles in refereed international journals**

- 6) Guerzoni, M. - Riso, L. - Vivarelli, M. (2024), Was Robert Gibrat right? A test based on the graphical model methodology, **Small Business Economics**, forthcoming (DOI version).
- 7) Montobbio, F. - Staccioli, J. - Virgillito, M. - Vivarelli, M. (2024), The empirics of technology, employment and occupations: lessons learned and challenges ahead, **Journal of Economic Surveys**, forthcoming (DOI version).
- 8) Corrocher, N. - Moschella, D. - Staccioli, J. - Vivarelli, M. (2024) Innovation and the Labor Market: Theory, Evidence and Challenges, **Industrial and Corporate Change**, forthcoming (DOI version).
- 9) Damioli, G. - Van Roy, V. - Vertesy, D. - Vivarelli, M. (2024), Drivers of the evolution of employment in AI innovators, **Technological Forecasting and Social Change**, 201, April, 123249.
- 10) Montobbio, F. - Staccioli, J. - Virgillito, M. - Vivarelli, M. (2024), Labour-saving automation: a direct measure of occupational exposure, **World Economy**, 47, 332–361.
- 11) Santarelli, E. - Staccioli, J. - Vivarelli, M. (2023), Automation and related technologies: a mapping of the new knowledge base, **Journal of Technology Transfer**, 48, 779-813.
- 12) Piva, M. - Tani, M. - Vivarelli, M. (2023), The productivity impact of short-term labor mobility, **Small Business Economics**, 60, 691-705.
- 13) Damioli, G. - Van Roy, V. - Vertesy, D. - Vivarelli, M. (2023), AI technologies and employment. Micro evidence from the supply side, **Applied Economics Letters**, 30, 816-821.
- 14) Montobbio, F. - Staccioli, J. - Virgillito, M. - Vivarelli, M. (2022), Robots and the origin of their labour-saving impact, **Technological Forecasting and Social Change**, 174, January, 121122.
- 15) Dawid, H. - Pellegrino, G. - Vivarelli, M. (2021), The role of demand in fostering product vs process innovation: a model and an empirical test, **Journal of Evolutionary Economics**, 31, 1553-1572.
- 16) Ugur, M.- Vivarelli, M. (2021), Innovation, firm survival and productivity: The state of the art, **Economics of Innovation and New Technology**, 30, 433-467.
- 17) Dosi, G. - Piva, M.- Virgillito, M. - Vivarelli, M. (2021) Embodied and disembodied technological change: the sectoral patterns of job-creation and job-destruction, **Research Policy**, 50 (4), 104199.

- 18) Arouri, H. - Youssef, A.B - Quatraro, F. - Vivarelli, M. (2020) Drivers of Growth in Tunisia: Young Firms vs Incumbents, **Small Business Economics**, 54, 323-340 .
- 19) Pellegrino, G. - Piva, M. - Vivarelli, M. (2019), Beyond R&D: The role of Embodied Technological Change in Affecting Employment, **Journal of Evolutionary Economics**, 29, 1151-1171.
- 20) Barbieri, L. - Piva, M. - Vivarelli, M. (2019), R&D, Embodied Technological Change and Employment: Evidence from Italian Microdata, **Industrial and Corporate Change**, 28, 203-218.
- 21) Castellani, D. - Schubert, T. - Piva, M. - Vivarelli, M. (2019), R&D and Productivity in the US and the EU: Sectoral Specificities and Differences in the Crisis, **Technological Forecasting and Social Change**, 138, 279-291.
- 22) Van Roy, V. - Vertes, D. - Vivarelli, M. (2018), Technology and Employment: Mass Unemployment or Job Creation? Empirical Evidence from European Patenting Firms, **Research Policy**, 47, 1762-1776.
- 23) Piva, M. - Tani, M. - Vivarelli, M. (2018), Business Visits, Knowledge Diffusion and Productivity, **Journal of Population Economics**, 31, 1321-1338.
- 24) Piva, M. - Vivarelli, M. (2018), Is Innovation Destroying Jobs? Firm-Level Evidence from the EU, **Sustainability**, 10(4), 1279.
- 25) Castellani, D. - Piva, M. - Schubert, T. - Vivarelli, M. (2018), Can European Productivity Make Progress?, **Intereconomics**, 53, 75-78.
- 26) Piva, M. - Vivarelli, M. (2018), Technological Change and Employment: Is Europe Ready for the Challenge?, **Eurasian Business Review**, 8, 13-32.
- 27) Colombo, L. - Dawid, H. - Piva, M. - Vivarelli, M. (2017), Does Easy Start-Up Formation Hamper Incumbents' R&D Investment?, **Small Business Economics**, 49, 513-531.
- 28) Haile, G. - Srour, I. - Vivarelli, M. (2017), Imported Technology and Manufacturing Employment in Ethiopia, **Eurasian Business Review**, 7, 1-23.
- 29) Meschi, E. - Taymaz, E. - Vivarelli, M. (2016), Globalization, Technological Change and Labor Demand: A Firm Level Analysis for Turkey, **Review of World Economics**, 152, 655-680.
- 30) Colombelli, A. - Krafft, J. - Vivarelli, M. (2016), To Be Born Is Not Enough: The Key Role of Innovative Startups, **Small Business Economics**, 47, 277-291.
- 31) Vivarelli, M. (2016), The Middle Income Trap: A Way Out Based on Technological and Structural Change, **Economic Change and Restructuring**, 49, 159-193.
- 32) Catozzella, A. - Vivarelli, M. (2016), The Possible Adverse Impact of Innovation Subsidies: Some Evidence from Italy, **International Entrepreneurship and Management Journal**, 12, 351-368.

- 33) Piva, M. - Pellegrino, G. - Vivarelli, M. (2015), How do New Entrepreneurs Innovate?, **Economia e Politica Industriale - Journal of Industrial and Business Economics**, 42, 323-341.
- 34) Quatraro, F. - Vivarelli, M. (2015), Drivers of Entrepreneurship and Post-entry Performance of Newborn Firms in Developing Countries, **World Bank Research Observer**, 30, 277–305.
- 35) Ortega-Argilés, R. - Piva, M. - Vivarelli, M. (2015), The Productivity Impact of R&D Investment: Are High-Tech Sectors Still Ahead?, **Economics of Innovation and New Technology**, 24, 204-222.
- 36) Ortega-Argilés, R. - Piva, M. - Vivarelli, M. (2014), The Transatlantic Productivity Gap: Is R&D the Main Culprit?, **Canadian Journal of Economics**, 47, 1342-1371.
- 37) Conte, A. - Vivarelli, M. (2014), Succeeding in Innovation: Key Insights on the Role of R&D and Technological Acquisition Drawn from Company Data, **Empirical Economics**, 47, 1317-1340.
- 38) García-Quevedo, J. - Pellegrino, G. - Vivarelli, M. (2014), R&D Drivers and Age: Are Young Firms Different?, **Research Policy**, 43, 1544-1556.
- 39) Catozzella, A. - Vivarelli, M. (2014), The Catalysing Role of In-house R&D in Fostering Complementarity among Innovative Inputs, **Industry and Innovation**, 21, 179-196.
- 40) Vivarelli, M. (2014), Innovation, Employment, and Skills in Advanced and Developing Countries: A Survey of the Economic Literature, **Journal of Economic Issues**, 48, 123-154.
- 41) Catozzella, A. - Vivarelli, M. (2014), Beyond Absorptive Capacity: In-house R&D as a Driver of Innovative Complementarities, **Applied Economics Letters**, 21, 39-42.
- 42) Vivarelli, M. (2013), Is Entrepreneurship Necessarily Good? Microeconomic Evidence from Developed and Developing Countries, **Industrial and Corporate Change**, 22, 1453-1495.
- 43) Vivarelli, M. (2013), Technology, Employment and Skills: An Interpretative Framework, **Eurasian Business Review**, 3, 66-89.
- 44) Iammarino, S.- Piva, M. - Vivarelli, M. - von Tunzelmann, N. (2012), Technological Capabilities and Patterns of Innovative Cooperation of Firms in the UK Regions, **Regional Studies**, 46, 1283-1301.
- 45) Pellegrino, G. - Piva, M. - Vivarelli, M. (2012), Young Firms and Innovation: A Microeconometric Analysis, **Structural Change and Economic Dynamics**, 23, 329-340.
- 46) Bogliacino, F. - Vivarelli, M. (2012), The Job Creation Effect of R&D Expenditures, **Australian Economic Papers**, 51, 96-113.
- 47) Kumbhakar, S.C. - Ortega-Argilés, R. - Potters, L. - Vivarelli, M. - Voigt, P. (2012), Corporate R&D and Firm Efficiency: Evidence from Europe's Top R&D Investors, **Journal of Productivity Analysis**, 37, 125-140.

- 48) Bogliacino, F. - Piva, M. - Vivarelli, M. (2012), R&D and Employment: An Application of the LSDVC Estimator Using European Data, **Economics Letters**, 116, 56-59.
- 49) Catozzella, A. - Vivarelli, M. (2012), The Possible Adverse Impact of Innovation Subsidies: Some Evidence from a Bivariate Switching Model, **Economics Bulletin**, 32, n.1, 648-661.
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