

# Mario Coccia

## Research Fields

- Sources and measurement of technical change
- Emerging technological trajectories (properties and characteristics)
- Impact of innovation on economic, industrial, corporate and social change
- Patterns of international research collaboration in scientific fields (temporal and spatial analysis)
- Managerial, organizational behaviour and measurement of performances in public research labs

## Selected Publications

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- 2015 COCCIA M., Falavigna G., Manello A. (2015) "The impact of hybrid public and market-oriented financing mechanisms on scientific portfolio and performances of public research labs: a scientometric analysis", *Scientometrics*, vol. 102, n. 1, pp. 151-168, DOI 10.1007/s11192-014-1427-z.
- 2015 COCCIA M., Wang L. (in press) "Path-breaking directions of nanotechnology-based chemotherapy and molecular cancer therapy", *Technological Forecasting and Social Change*, forthcoming, <http://dx.doi.org/10.1016/j.techfore.2014.09.007>.
- 2015 Cavallo, E., Ferrari E., COCCIA M. (in press) "Likely Technological Trajectories in Agricultural Tractors by Analysing Innovative Attitudes of Farmers", *International Journal of Technology, Policy and Management*.
- 2014 COCCIA M., Cadario E. (2014) "Organisational (un)learning of public research labs in turbulent context", *International Journal of Innovation and Learning*, vol. 15, n. 2, pp.115-129.
- 2014 COCCIA M. (2014) "Lab-oriented radical innovations as drivers of paradigm shifts in science", *UNU-MERIT Working Paper 2014-090*, ISSN 1871-9872-<http://www.merit.unu.edu/publications/working-papers/>
- 2014 COCCIA M. (2014) "Technology & Environment: Some possible damaging effects of technological change in advanced and opulent societies", *UNU-MERIT Working Paper 2014-089*, ISSN 1871-9872-<http://www.merit.unu.edu/publications/working-papers/>

- 2014 COCCIA M. (2014) "Temperate climate - Innovative outputs nexus", *UNU-MERIT Working Paper 2014-088*, ISSN 1871-9872-  
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- 2014 COCCIA M. (2014) "Leadership-driven innovation & Evolution of societies", *UNU-MERIT Working Paper 2014-087*, ISSN 1871-9872  
<http://www.merit.unu.edu/publications/working-papers/>
- 2014 COCCIA M. (2014) "Steel market and global trends of leading geo-economic players", *International Journal of trade and global markets*, vol. 7, n.1, pp.36-52.
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- 2014 COCCIA M. (2014) "Socio-cultural origins of the patterns of technological innovation: What is the likely interaction among religious culture, religious plurality and innovation? Towards a theory of socio-cultural drivers of the patterns of technological innovation", *Technology in Society*, vol. 36, n. 1, pp. 13-25.
- 2014 COCCIA M. (2014) "Religious culture, democratisation and patterns of technological innovation", *International Journal of sustainable society*, vol. 6, n.4, pp. 397-418; ISSN print: 1756-2538
- 2014 COCCIA M. (2014) "Emerging technological trajectories of tissue engineering and the critical directions in cartilage regenerative medicine", *Int. J. Healthcare Technology and Management*, vol. 14, n. 3, pp. 194-208.
- 2014 COCCIA M. (2014) "Converging scientific fields and new technological paradigms as main drivers of the division of scientific labour in drug discovery process: the effects on strategic management of the R&D corporate change", *Technology Analysis & Strategic Management*, Vol. 26, n. 7, August 2014, pp. 733-749, <http://dx.doi.org/10.1080/09537325.2014.882501>.
- 2014 Cavallo, E., Ferrari E., Bollani, L., COCCIA M. (2014) "Strategic management implications for the adoption of technological innovations in agricultural tractor: the role of scale factors and environmental attitude", *Technology Analysis & Strategic Management*, Vol. 26, n. 7, August, pp. 765-779, <http://dx.doi.org/10.1080/09537325.2014.890706>.

- 2014 Cavallo, E., Ferrari E., Bollani, L., COCCIA M. (2014) "Attitudes and behaviour of adopters of technological innovations in agricultural tractors: A case study in Italian agricultural system", *Agricultural Systems*, Vol. 130, pp. 44-54, <http://dx.doi.org/10.1016/j.agsy.2014.05.012>.
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