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Short CV of Gaétan de Rassenfosse

Economics of Innovation • Science, Technology, and Innovation Policy • Intellectual Property

Academic Appointments

2022–present	Associate Professor
2014–2022	Assistant Professor College of Management of Technology École polytechnique fédérale de Lausanne (EPFL), Switzerland
2024 –2025	Visiting Scholar, NYU Wagner Graduate School of Public Service, NY, USA
Summer 2019	Visiting Scholar, MIT, USA
2016–2019	Research Economist National Bureau of Economic Research, Cambridge, MA, USA
Winter 2018	Visiting Scholar, UC Berkeley, USA
2010–2014	Research Fellow, then Senior Research Fellow Faculty of Business and Economics (MIAESR) University of Melbourne, Australia

Other Appointments

2020–2024	Co-editor, Journal of Economics & Management Strategy
2020–2024	Member of the Scientific Advisory Board, Observatoire des Sciences et Techniques, Haut Conseil de l'évaluation de la recherche et de l'enseignement supérieur (Hcéres), Paris, France.

Education

2010	Ph.D. in Economics of Innovation FNRS Research Fellow at Department of Economics (ECARES) Université libre de Bruxelles, Belgium
2006	MSc in Business Engineering Solvay Business School Université libre de Bruxelles, Belgium

Teaching Experience

Doctoral	Science, Technology & Innovation Policy
Bachelor/Master	Principles of Econometrics, Economics of Innovation, Management of Intellectual Property
Executive Education	Intellectual Property Management

Grants and Awards

Since my time at EPFL, I have attracted more than $3.8 million in third-party funding (in today's value, three-quarters of it as a PI) from institutions such as the U.S. NSF, the NBER, the Alfred P. Sloan Foundation, the Swiss National Science Foundation (SNSF), the Swiss Network for International Studies (SNIS), the European Patent Office, and the Swiss Federal Institute of Intellectual Property.
I received the International Geneva Award, the McKinsey & Co. Scientific Award from the Belgian Science Foundation, and the DRUID Best Young Scholar Paper Award.

Publications

Google Scholar Profile | ORCID

Fifty-two articles published in international peer-reviewed journals. The vast majority of these articles are published in first-quartile (Q1) journals, according to Scimagojr, and eleven articles are published in journals listed in the FT-50. See Appendix for complete publication list.

Verluise, C., G. Cristelli, K. Higham, and G. de Rassenfosse. 2026. Beyond the front page: In-text citations to patents as traces of inventor knowledge. Strategic Management Journal 47(3): 47(3): 678–698.

Bottai, C., G. de Rassenfosse, and E. Raiteri. 2025. A new approach to measuring invention commercialization: An application to the SBIR program. Research Policy 54(9): 105302.

de Rassenfosse, G., and E. Raiteri. 2022. Technology Protectionism and the Patent System: Strategic Technologies in China. Journal of Industrial Economics 70(1): 1–43.

de Rassenfosse, G., P. Jensen, T. Julius, A. Palangkaraya, and E. Webster. 2019. Are Foreigners Treated Equally under the TRIPs Agreement? Journal of Law & Economics 62(4): 663–685.

de Rassenfosse, G. and A. Jaffe, 2018. Econometric evidence on the depreciation of innovations. European Economic Review 101: 625–642.

Talks at Conferences

I have presented my work at more than 230 conferences and seminars, including (selected): the NBER Summer Institute, European Economic Association, AOM Exemplars conference, Toulouse School of Economics, Cambridge Judge Business School, Tilburg University, Copenhagen Business School, European Commission, and U.S. Patent and Trademark Office.

Engagement

I have written policy reports and performed economic analyses for various institutions on topics related to innovation and intellectual property policy. Institutions include (selected): the World Intellectual Property Organization (Switzerland), the Commonwealth Department of Industry (Australia), the European Commission (Belgium), the European Investment Bank (Luxembourg), the State Secretariat for Education, Research and Innovation (Switzerland), the Novo Nordisk Foundation (Denmark), and the United States Patent and Trademark Office (USA).

Synergistic Activities

I enjoy popularizing academic/expert knowledge using cartoons in the form of presentations (for example, on innovation policy) or a comic book (freely available at http://www.abc-of-ip.com).

Appendix. Full publication list

Published in CNRS Rank 1 or FT-50 journals

Verluise, C., G. Cristelli, K. Higham, and G. de Rassenfosse. 2025. Beyond the front page: In-text citations to patents as traces of inventor knowledge. *Strategic Management Journal* 47(3): 678–698.

Bottai, C., G. de Rassenfosse, and E. Raiteri. 2025. A new approach to measuring invention commercialization: An application to the SBIR program. *Research Policy* 54(9): 105302.

de Rassenfosse, G., G. Pellegrino, and E. Raiteri. 2024. Do Patents Enable Disclosure? Evidence from the Invention Secrecy Act. *International Journal of Industrial Organization* 92: 103044.

de Rassenfosse, G., E. Raiteri and R. Bekkers. 2024. Discrimination in the patent system: Evidence from Standard-Essential Patents. *Journal of Law & Economics* 66(4): 739–763.

de Rassenfosse, G. and A. Palangkaraya. 2023. Do patent pledges accelerate innovation? *Research Policy* 52(5): 104745.

de Rassenfosse, G., P. Jensen, T. Julius, A. Palangkaraya and E. Webster. 2023. Is the patent system a level playing field? The effect of patent attorney firms. *Journal of Industrial Economics* 71(1): 124–142.

Pellegrino, G., O. Penner, E. Piguet and G. de Rassenfosse. 2023. Productivity gains from migration: Evidence from inventors. *Research Policy* 52(1): 104631.

de Rassenfosse, G., M. Grazzi, D. Moschella and G. Pellegrino. 2022. International Patent Protection and Trade: Transaction-Level Evidence. *European Economic Review* 147: 104160.

de Rassenfosse, G., and E. Raiteri. 2022. Technology Protectionism and the Patent System: Strategic Technologies in China. *Journal of Industrial Economics* 70(1): 1–43.

Decarolis, F., G. de Rassenfosse, L. Giuffrida, E. Iossa, V. Mollisi, E. Raiteri and G. Spagnolo. 2021. Buyers' Role in Innovation Procurement: Evidence from U.S. Military R&D Contracts. *Journal of Economics & Management Strategy* 30(4): 697–720.

de Rassenfosse, G., W. Griffiths, A. Jaffe and E. Webster. 2021. Low-quality patents in the eye of the beholder: Evidence from multiple examiners. *Journal of Law, Economics, & Organization* 37(3): 607–636.

Higham, K., de Rassenfosse, G. and A. Jaffe. 2021. Patent Quality: Towards a Systematic Framework for Analysis and Measurement. *Research Policy*, 50(4): 104215.

de Rassenfosse, G., P. Jensen, T. Julius, A. Palangkaraya and E. Webster. 2019. Are Foreigners Treated Equally under the TRIPs Agreement? *Journal of Law & Economics* 62(4): 663–685.

de Rassenfosse, G. and R. Thomson, 2019. R&D offshoring and home industry productivity. *Industrial and Corporate Change*, 28(6): 1497–1513.

de Rassenfosse, G. and A. Jaffe, 2018. Econometric evidence on the depreciation of innovations. *European Economic Review,* 101: 625–642.

de Rassenfosse, G. and A. Jaffe, 2018. Are patent fees affective at weeding out low-quality patents?, *Journal of Economics & Management Strategy*, 27(1): 134–148.

Morricone, S, F. Munari, R. Oriani and G. de Rassenfosse, 2017. Commercialization strategy and IPO underpricing, *Research Policy*, 46(6): 1133–1141.

de Rassenfosse, G., 2017. An assessment of how well we account for intangibles, *Industrial and Corporate Change*, 26(3): 517–534.

de Rassenfosse, G. and T. Fischer, 2016.Venture debt financing: Determinants of the lending decision. *Strategic Entrepreneurship Journal*, 10(3): 235–256

de Rassenfosse, G., A. Palangkaraya and E. Webster, 2016. Why do patents facilitate trade in technology? Testing the disclosure and appropriation effects, *Research Policy*, 45(7): 1326–1336

Danguy, J., G. de Rassenfosse and B. van Pottelsberghe, 2014. On the origins of the worldwide surge in patenting: An industry perspective on the R&D-patent relationship, *Industrial and Corporate Change*, 23(2): 535–572.

de Rassenfosse, G., 2013. Do firms face a trade-off between the quantity and the quality of their inventions? *Research Policy*, 42(5): 1072–1079

de Rassenfosse, G., H. Dernis, D. Guellec, L. Picci and B. van Pottelsberghe, 2013. The worldwide count of priority patents: A new indicator of inventive activity, *Research Policy*, 42(3): 720–737

de Rassenfosse, G. and B. van Pottelsberghe, 2009. A policy insight into the R&D-patent relationship, *Research Policy*, 38(5): 779–792.

Published in other Q1 journals in Scimago ranking

Higham, K., H. Kotula, E. Scharfmann, S. Gong and G. de Rassenfosse. 2026. A dataset of scientific citations in U.S. patent Office Actions. *Scientific Data*, forthcoming.

de Rassenfosse, G., A. Jaffe, and J. Waldfogel. 2024. Intellectual Property and Creative Machines. In: Ben Jones and Josh Lerner (Eds), *Entrepreneurship and Innovation Policy and the Economy*, 4, in press.

de Rassenfosse, G., W. Uhlbach and T. Murovana. 2023. The effects of war on Ukrainian research. *Humanities and Social Sciences Communications*, 10: 856.

de Rassenfosse, G., K. Higham and O. Penner. 2022. Scientific rewards for biomedical specialization are large and persistent. *BMC Biology*, 20: 211.

de Rassenfosse, G. and K. Higham. 2021. Decentralising the Patent System. *Government Information Quarterly*, 38(2): 101559

Abi Younes, G., C. Ayoubi, O. Ballester et al. 2020. COVID-19: Insights from Innovation Economists. *Science and Public Policy*, 47(5): 733–745.

de Rassenfosse, G. and F. Seliger. 2020. Sources of knowledge flow between developed and developing nations. *Science and Public Policy*, 47(1): 16–30.

de Rassenfosse, G., 2020. On the price elasticity of demand for trademarks. *Industry & Innovation*, 27(1-2): 11–24.

de Rassenfosse, G, J. Kozak and F. Seliger. 2019. Geocoding of worldwide patent data. *Nature Scientific Data*, 6: 260.

de Rassenfosse, G., E. Raiteri and A. Jaffe, 2019. The procurement of innovation by the US government. *PLoS ONE*, 14(8): e0218927.

Jaffe, A and G. de Rassenfosse, 2017. Patent Citation Data in Social Science Research: Overview and Best Practices, *Journal of the Association for Information Science and Technology*, 68(6): 1360–1374.

Williams, R. and G. de Rassenfosse, 2016. Pitfalls in aggregating performance measures in higher education, *Studies in Higher Education*, 41(1): 51–62

de Rassenfosse, G. and R. Williams, 2015. Rules of engagement: measuring connectivity in national systems of higher education, *Higher Education*, 70(6): 941–956

de Rassenfosse, G., A. Schoen and A. Wastyn, 2014. Selection bias in innovation studies: A simple test, *Technological Forecasting and Social Change*, 81(1): 287–299

Williams, R., G. de Rassenfosse, P. Jensen and S. Marginson, 2013. The determinants of quality national higher education systems. *Journal of Higher Education Policy and Management*, 35(6): 599–611.

de Rassenfosse, G. and B. van Pottelsberghe, 2013. The role of fees in patent systems: Theory and evidence, *Journal of Economic Surveys*, 27(4): 696–716

de Rassenfosse, G., 2012. How SMEs exploit their intellectual property assets: Evidence from survey data, *Small Business Economics*, 39(2): 437–452.

de Rassenfosse, G. and B. van Pottelsberghe, 2012. On the price elasticity of demand for patents, *Oxford Bulletin of Economics and Statistics*, 74(1): 58–77.

Other peer-reviewed articles

de Rassenfosse, G., and L. Zhou. 2025. Patents and supra-competitive prices: Evidence from consumer products. *Journal of Empirical Legal Studies*, forthcoming.

de Rassenfosse, G. and G. Pellegrino. 2024. International Mobility of Inventors and Innovation: Empirical Evidence from the Collapse of the Soviet Union. *Economics Letters*, 234: 111450.

Abi Younes, G., and G. de Rassenfosse. 2024. Replicable Patent Indicators Using the Google Patents Public Datasets. *Australian Economic Review*, 57(1): 102-113.

de Rassenfosse, G., A. Jaffe and M. Wasserman. 2023. AI-Generated Inventions: Implications for the Patent System. *Southern California Law Review*, 96: 101–126.

de Rassenfosse, G., and F. Seliger. 2021. Imputation of missing information in worldwide patent data. *Data in Brief*, 34: 106615.

de Rassenfosse, G., and R. Hosseini. 2020. Discrimination against foreigners in the U.S. patent system. *Journal of International Business Policy*, 3(4): 349–366.

de Rassenfosse, G., and K. Higham. 2020. Wanted: A standard for virtual patent marking. *Journal of Intellectual Property Law & Practice*, 15(7): 544–553.

de Rassenfosse, G., M. Kracker and G. Tarasconi, 2017. Getting Started with PATSTAT Register. *Australian Economic Review*, 50(1): 110–120

de Rassenfosse, G., H. Dernis and G. Boedt, 2014. An introduction to the Patstat database with example queries, *Australian Economic Review*, 47(3): 395–408

de Rassenfosse, G. and B. van Pottelsberghe, 2007. Per un pugno di dollari: A first look at the price elasticity of patents, *Oxford Review of Economic Policy*, 23(4): 588–604.