

Rosa Gini

Head of the Pharmacoepidemiology Unit

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h-index: 19 (Web of Science) 20 (Scopus)

number of citations: 1104 (Web of Science) 1241 (Scopus)

citing articles: 841 (Web of Science)

Summary

I am a data scientist focused on secondary use of electronic health records for pharmacoepidemiology and health services research. My specific interest is transparent, reproducible and timely generation of reliable evidence to support health policy making. I have experience in data integration from diverse data sources and data validation.

I am the Head of the Pharmacoepidemiology Unit of the Agenzia regionale di sanità della Toscana, a public research center in Florence, Italy. My unit, comprising several units of personnel and contributors from Italian universities and from other research centers, is involved in many observational studies on utilization, safety and effectiveness of drugs in Tuscany, in national or in multi-national networks of databases.

Main current projects

In Tuscany I am responsible for conducting drug utilization, safety and comparative effectiveness studies of interest for decision making on drug policy. Currently, I am leading studies on drugs to treat non-small cell lung cancer, trajectories of use of biologic drugs for rheumatologic, dermatologic, and gastroenterologic indications, cholesterol-lowering drugs, antidotes for direct anticoagulant drugs, incretins for type 2 diabetes, antivasular endothelial growth factor agents for retinal diseases, and others.

In Italy I am involved in several multi-regional studies, especially focusing on drug utilization in pregnancy and on drug utilization of biosimilar drugs.

In Europe I am co-lead of the data science work package of ConcePTION, a project funded by IMI (Innovative Medicine Initiative) to build a pan-European ecosystem for generating, monitoring, and providing robust information on medication safety in pregnancy and breastfeeding. I am also involved in several EMA tenders and Post Authorisation Safety Studies in networks of European organizations.

In the aftermath of the COVID-19 pandemic I have been involved in multiple activities, such as setting the European stage for upcoming vaccines (ACCESS Project), for monitoring of effects on pregnancy to guide vaccine a therapeutic decisions at European level (CONSIGN Project) and in several Italian studies led by the Italian Institute of Health (ITA-COVID network).

Main past projects

I was involved in the ADVANCE Project (Accelerated development of vaccine benefit-risk collaboration in Europe), an initiative funded by IMI developing a framework capable of rapidly delivering reliable data on the benefits and risks of vaccines that are on the market.

I was involved in several other European projects, such as EMIF Project (European Medical Information Framework), an initiative funded by IMI aimed at establishing a European infrastructure for observational studies from existing databases, and the European FP7-funded EUROmediCAT project, aimed at performing studies on drug utilization and drug safety in pregnancy in a network of European data sources, and the EU-ADR project (Exploring and Understanding Adverse Drug Reactions by Integrative Mining of Clinical Records and Biomedical Knowledge, 2008-2012), a FP7-funded initiative aimed at exploiting different electronic health records databases for drug safety.

Education

- Feb 2011 – Oct 2016* **PhD in Medical Informatics**
Erasmus MC, Department of Medical Informatics
Rotterdam, Netherlands
- Jan 1996 - April 2001* **PhD in Mathematics**
Università di Pisa, Department of Mathematics
Pisa, Italy
- Nov 1989-Jul 1995* **Master degree in Mathematics**
Università degli studi di Milano, Dipartimento di Matematica
Milan, Italy

Skills & Activities

- Skills* Data processing (Stata, SQL, R, TheMatrix)
Software design and evaluation
- Languages* Italian, English, French, Spanish, Portuguese
- Scientific Memberships* European Network of Centres for Pharmacoepidemiology and Pharmacovigilance (elected member of the Steering Group, 2016 - current)
International Society of Pharmacoepidemiology (co-lead of a Taskforce in the Database Special Interest Group)
Italian Epidemiology Association (elected member of the Steering Group, 2010-2012)
- Interests* Pharmacoepidemiology, Data Science, Validation studies, Health Policy Evaluation, Multi-database studies

PhD thesis

Gini R. *A Validation Odyssey: from big data to local intelligence*. Erasmus University Rotterdam; 2016.
Available from: <http://hdl.handle.net/1765/93461>

SELECTED PUBLICATIONS IN PEER-REVIEWED JOURNALS

Guidelines and reviews

Gini R, Sturkenboom MC, Sultana J, Cave A, Landi A, Pacurariu A, et al. *Different strategies to execute multi-database studies for medicines surveillance in real world setting: a reflection on the European model*. *Clinical Pharmacology & Therapeutics*. 2020. Available from:
<https://ascpt.onlinelibrary.wiley.com/doi/abs/10.1002/cpt.1833>

Gini R, Fournie X, Dolk H, Kurz X, Verpillat P, Simondon F, et al. *The ENCePP Code of Conduct: A best practice for scientific independence and transparency in non-interventional postauthorisation studies*. *Pharmacoepidemiology and Drug Safety*. Available from:
<https://onlinelibrary.wiley.com/doi/abs/10.1002/pds.4763>

Trifirò G, **Gini R**, Barone-Adesi F, Beghi E, Cantarutti A, Capuano A, et al. *The Role of European Healthcare Databases for Post-Marketing Drug Effectiveness, Safety and Value Evaluation: Where Does Italy Stand?* *Drug Saf*. 2018 Sep 29. **IF: 3.643**

Data science, methodology and validation studies

Hall GC, Lanes S, Bollaerts K, Zhou X, Ferreira G, **Gini R**. *Outcome misclassification: Impact, usual practice in pharmacoepidemiology database studies and an online aid to correct biased estimates of risk ratio or cumulative incidence*. *Pharmacoepidemiology and Drug Safety*. Available from:
<https://onlinelibrary.wiley.com/doi/abs/10.1002/pds.5109>

Bollaerts K, Rekkas A, Smedt TD, Dodd C, Andrews N, **Gini R**. *Disease misclassification in electronic healthcare database studies: Deriving validity indices—A contribution from the ADVANCE project*. *PLOS ONE*. 2020 Apr 22;15(4):e0231333.

Sturkenboom M, Braeye T, van der Aa L, Danieli G, Dodd C, Duarte-Salles T, et al. *ADVANCE database characterisation and fit for purpose assessment for multi-country studies on the coverage, benefits and risks of pertussis vaccinations*. *Vaccine* [Internet]. 2020 Feb 12; Available from:
<http://www.sciencedirect.com/science/article/pii/S0264410X20301535>

Varela LO, Pogam M-AL, Metcalfe A, Kristensen PK, Hider P, Patel A, et al. *Empowering knowledge generation through international data network: the IMeCCHI-DATANETWORK*. *International Journal of Population Data Science* [Internet]. 2020 Feb 25;5(1). Available from: <https://ijpds.org/article/view/1125>

Gini R, Dodd CN, Bollaerts K, Bartolini C, Roberto G, Huerta-Alvarez C, et al. *Quantifying outcome misclassification in multi-database studies: The case study of pertussis in the ADVANCE project*. *Vaccine* 2019; Available from: <http://www.sciencedirect.com/science/article/pii/S0264410X19309363>

Bollaerts K, de Smedt T, McGee C, Emborg H-D, Villa M, Alexandridou M, et al. *ADVANCE: Towards near real-time monitoring of vaccination coverage, benefits and risks using European electronic health record databases*. *Vaccine* [Internet]. 2019 Oct 31. Available from:
<http://www.sciencedirect.com/science/article/pii/S0264410X19310515>

- Almeida JR, **Gini R**, Roberto G, Rijnbeek P, Oliveira JL. *TASKA: A modular task management system to support health research studies*. BMC Med Inform Decis Mak. 2019 Jul 2;19. Available from: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6604289/>
- Charlton RA, Bettoli V, Bos HJ, Engeland A, Garne E, **Gini R**, et al. *The limitations of some European healthcare databases for monitoring the effectiveness of pregnancy prevention programmes as risk minimisation measures*. Eur J Clin Pharmacol. 2017 Dec 11. **IF: 2.902**
- Gini R**, Schuemie MJ, Pasqua A, Carlini E, Profili F, Cricelli I, et al. *Monitoring compliance with standards of care for chronic diseases using healthcare administrative databases in Italy: Strengths and limitations*. PLoS ONE. 2017;12(12):e0188377.
- Perera G, Pedersen L, Ansel D, Alexander M, Arrighi HM, Avillach P, et al. *Dementia prevalence and incidence in a federation of European Electronic Health Record databases: The European Medical Informatics Framework resource*. Alzheimers Dement. 2017. **IF: 12.740**
- Wang SV, Schneeweiss S, Berger ML, Brown J, de Vries F, Douglas I, et al. *Reporting to Improve Reproducibility and Facilitate Validity Assessment for Healthcare Database Studies V1.0*. Pharmacoepidemiol Drug Saf. 2017 Sep;26(9):1018–32. **IF: 2.552**
- Gini R**, Schuemie MJ, Mazzaglia G, Lapi F, Francesconi P, Pasqua A, et al. *Automatic identification of type 2 diabetes, hypertension, ischaemic heart disease, heart failure and their levels of severity from Italian General Practitioners' electronic medical records: a validation study*. BMJ Open. 2016 Dec. **IF: 2.369** 1;6(12):e012413.
- Roberto G, Leal I, Sattar N, Loomis AK, Avillach P, Egger P, van Wijngaarden R, Ansell D, Reisberg S, Tammesoo ML, Alavere H, Pasqua A, Pedersen L, Cunningham J, Tramontan L, Mayer MA, Herings R, Coloma P, Lapi F, Sturkenboom M, van der Lei J, Schuemie MJ, Rijnbeek P, **Gini R**. *Identifying cases of type 2 diabetes in heterogeneous data sources: strategy from the EMIF project*. PLoS ONE 2016;11(8):e0160648. **IF: 3.54**
- Gini R**, Schuemie M, Brown J, Ryan P, Vacchi E, Coppola M, et al. *Data Extraction And Management In Networks Of Observational Health Care Databases For Scientific Research: A Comparison Among EU-ADR, OMOP, Mini-Sentinel And MATRICE Strategies*. eGEMs (Generating Evidence & Methods to improve patient outcomes) 2016 ;4(1)
- Jonge L de, Garne E, **Gini R**, Jordan SE, Klungsoyr K, Loane M, et al. *Improving Information on Maternal Medication Use by Linking Prescription Data to Congenital Anomaly Registers: A EUROmediCAT Study*. Drug Saf. 2015;1–11. **IF: 3.206**
- De Bie S, Coloma PM, Ferrajolo C, Verhamme KMC, Trifirò G, Schuemie MJ, Straus SMJM, **Gini R**, et al. *The role of electronic healthcare record databases in paediatric drug safety surveillance: a retrospective cohort study*. Br J Clin Pharmacol. 2015 ;80(2):304-14. **IF: 3.83**
- Patadia VK, Coloma P, Schuemie MJ, Herings R, **Gini R**, Mazzaglia G, et al. *Using real-world healthcare data for pharmacovigilance signal detection - the experience of the EU-ADR project*. Expert Rev Clin Pharmacol. 2015;8(1):95–102. **IF: 2.488**
- Valkhoff VE, Coloma PM, Masclee GMC, **Gini R**, Innocenti F, Lapi F, et al. *Validation study in four health-care databases: upper gastrointestinal bleeding misclassification affects precision but not magnitude of drug-related upper gastrointestinal bleeding risk*. Journal of clinical epidemiology 2014;67(8):921–31. **IF: 3.417**

- Charlton RA, Neville AJ, Jordan S, Pierini A, Damase-Michel C, Klungsøyr K, Nybo Andersen AM, Hansen AV, **Gini R**, et al. *Healthcare databases in Europe for studying medicine use and safety during pregnancy*. *Pharmacoepidemiology and Drug Safety* 2014;23(6):586-94. **IF: 2.908**
- Gini R**, Schuemie MJ, Francesconi P, Lapi F, Cricelli I, Pasqua A, et al. *Can Italian healthcare administrative databases be used to compare regions with respect to compliance with standards of care for chronic diseases?* *PLoS ONE* 01/2014; 9(5):e95419. **IF: 3.54**
- Gini R**, Francesconi P, Mazzaglia G, Cricelli I, Pasqua A, Gallina P, et al. *Chronic disease prevalence from Italian administrative databases in the VALORE project: a validation through comparison of population estimates with general practice databases and national survey*. *BMC Public Health* 2013; 13(1):15. **IF: 2.209**
- Avillach P, Coloma PM, **Gini R**, Schuemie M, Mougin F, Dufour J-C, et al. *Harmonization process for the identification of medical events in eight European healthcare databases: the experience from the EU-ADR project*. *Journal of the American Medical Informatics Association* 2013;20(1):184-92. **IF: 3.428**
- Schuemie MJ, **Gini R**, Coloma PM, Straatman H, Herings RMC, Pedersen L, et al. *Replication of the OMOP Experiment in Europe: Evaluating Methods for Risk Identification in Electronic Health Record Databases*. *Drug Safety*. 2013;36(S1):159–69. **IF: 3.206**
- Schuemie MJ, Coloma PM, Straatman H, Herings RMC, Trifirò G, Matthews JN, Prieto-Merino D, Molokhia M, Pedersen L, **Gini R**, Innocenti F, Mazzaglia G, Picelli G, Scotti L, van der Lei J, Sturkenboom M. *Using Electronic Health Care Records for Drug Safety Signal Detection: A Comparative Evaluation of Statistical Methods*. *Medical care* 2012; 50(10):890-897. **IF: 3.081**
- Coloma PM, Trifirò G, Schuemie MJ, **Gini R**, Herings R, Hippisley-Cox J, et al. *Electronic healthcare databases for active drug safety surveillance: is there enough leverage?*. *Pharmacoepidemiology and Drug Safety* 02/2012; 21(6):611-21. **IF: 2.908**
- Coloma PM, Schuemie MJ, Trifirò G, **Gini R**, Herings R, Hippisley-Cox J, et al. *Combining electronic healthcare databases in Europe to allow for large-scale drug safety monitoring: the EU-ADR Project*. *Pharmacoepidemiology and Drug Safety* 2011; 20(1):1-11. **IF: 2.908**

Pharmacoepidemiology

- Piccinni C, Antonazzo IC, Maggioni AP, Pedrini A, Calabria S, Ronconi G, et al. *PCSK9 Inhibitors' New Users: Analysis of Prescription Patterns and Patients' Characteristics from an Italian Real-world Study*. *Clin Drug Investig*. 2020 Feb;40(2):173–81.
- Hurault-Delarue C, Morris JK, Charlton R, **Gini R**, Loane M, Pierini A, et al. *Prescription of antiepileptic medicines including valproate in pregnant women: A study in three European countries*. *Pharmacoepidemiol Drug Saf*. 2019 Nov;28(11):1510–8.
- Spini A, Roberto G, **Gini R**, Bartolini C, Bazzani L, Donnini S, et al. *Evidence of β -blockers drug repurposing for the treatment of triple negative breast cancer: A systematic review*. *Neoplasma*. 2019 Nov;66(6):963–70.
- Charlton R, Damase-Michel C, Hurault-Delarue C, **Gini R**, Loane M, Pierini A, et al. *Did advice on the prescription of sodium valproate reduce prescriptions to women? An observational study in three European countries between 2007 and 2016*. *Pharmacoepidemiology and Drug Safety* [Internet]. Available from: <https://onlinelibrary.wiley.com/doi/abs/10.1002/pds.4881>
- Volpi E, Surdo GL, Zizevskikh M, Salvadori S, Toccafondi G, Baroni M, et al. *Proton-pump inhibitor prescriptions in patients with cardiovascular disease: can the medication reconciliation process and the physician-*

hospital pharmacist teamwork improve adherence to international and national guidelines? Giornale Italiano di Farmacia Clinica. Available from:
http://www.farmaciaclinica.it/articoli.php?archivio=yes&vol_id=2973&id=29808

- Roberto G, Barone-Adesi F, Giorgianni F, Pizzimenti V, Ferrajolo C, Tari M, et al. *Patterns and trends of utilization of incretin-based medicines between 2008 and 2014 in three Italian geographic areas*. BMC Endocrine Disorders. 2019 Feb 7;19(1):18. **IF: 2.411**
- Rea F, Calusi G, Franchi M, Vetrano DL, Roberto G, Bonassi S, et al. *Adherence of Elderly Patients with Cardiovascular Disease to Statins and the Risk of Exacerbation of Chronic Obstructive Pulmonary Disease: Evidence from an Italian Real-World Investigation*. Drugs Aging. 2018;35(12):1099–108.
- Marcianò I, Ingrasciotta Y, Giorgianni F, Ientile V, Chinellato A, Tari DU, et al. *Pattern of Use of Biosimilar and Originator Somatropin in Italy: A Population-Based Multiple Databases Study During the Years 2009–2014*. Frontiers in Endocrinology. March 2018. Available at:
<http://journal.frontiersin.org/article/10.3389/fendo.2018.00095/full>
- Biffi A, Scotti L, Rea F, Lucenteforte E, Chinellato A, Vetrano DL, et al. *Adherence to Antidepressants and Mortality in Elderly Patients with Cardiovascular Disease*. Clin Drug Investig. 2018 Jul 1;38(7):593–602.
- Roberto G, Bartolini C, Rea F, Onder G, Vitale C, Trifirò G, et al. *NSAIDs utilization for musculoskeletal indications in elderly patients with cerebro/cardiovascular disease*. Eur J Clin Pharmacol. 2018 Jan 30. **IF: 2.902**
- Vetrano DL, La Carpia D, Grande G, Casucci P, Bacelli T, Bernabei R, et al. *Anticholinergic Medication Burden and 5-Year Risk of Hospitalization and Death in Nursing Home Elderly Residents With Coronary Artery Disease*. 2016 Nov 1;17(11):1056–9. **IF: 5.775**
- Bettiol A, Lucenteforte E, Vannacci A, Lombardi N, Onder G, Agabiti N, et al. *Calcium Channel Blockers in Secondary Cardiovascular Prevention and Risk of Acute Events: Real-World Evidence from Nested Case-Control Studies on Italian Hypertensive Elderly*. Clin Drug Investig. 2017 Dec;37(12):1165–74. **IF: 1.853**
- Volpi E, Giannelli A, Toccafondi G, Baroni M, Tonazzini S, Alduini S, Biagini S, **Gini R**, et al. *Medication Reconciliation During Hospitalization and in Hospital-Home Interface: An Observational Retrospective Study*. J Patient Saf. 2017 Mar 22. **IF: 2.446**
- Vetrano DL, La Carpia D, Grande G, Casucci P, Bacelli T, Bernabei R, **Gini R**, et al. *Anticholinergic Medication Burden and 5-Year Risk of Hospitalization and Death in Nursing Home Elderly Residents With Coronary Artery Disease*. Journal of the American Medical Directors Association. 2016 Nov 1;17(11):1056–9. **IF: 6.616**
- Charlton RA, Klungsøyr K, Neville AJ, Jordan S, Pierini A, Berg LTW de J den, Bos HJ, Puccini A, Engeland A, **Gini R**, et al. *Prescribing of Antidiabetic Medicines before, during and after Pregnancy: A Study in Seven European Regions*. PLoS ONE. 2016;11(5):e0155737. **IF: 3.54**
- Marcianò I, Ingrasciotta Y, Giorgianni F, Bolcato J, Chinellato A, Pirolo R, Di Giorgio A, Manna S, Ientile V, **Gini R**, et al. *How did the Introduction of Biosimilar Filgrastim Influence the Prescribing Pattern of Granulocyte Colony-Stimulating Factors? Results from a Multicentre, Population-Based Study, from Five Italian Centres in the Years 2009-2014*. BioDrugs. 2016;30(4):295-306. **IF: 2.867**
- Charlton RA, Pierini A, Klungsøyr K, Neville AJ, Jordan S, Berg LTW de J den, Thayer D, Bos HJ, Puccini A, Hansen AV, **Gini R**, et al. *Asthma medication prescribing before, during and after pregnancy: a study in seven European regions*. BMJ Open. 2016;6(1):e009237. **IF: 2.562**

- Coloma PM, de Ridder M, Bezemer I, Herings RMC, **Gini R**, Pecchioli S, et al. *Risk of cardiac valvulopathy with use of bisphosphonates: a population-based, multi-country case-control study*. *Osteoporos Int*. 2015;27(5):1857-67. **IF: 3.445**
- Bezemer ID, Verhamme KMC, **Gini R**, Mosseveld M, Rijnbeek PR, Trifirò G, et al. *Use of oral contraceptives in three European countries: a population-based multi-database study*. *The European Journal of Contraception & Reproductive Health Care*. 2015;21(1):81-7 **IF: 1.236**
- Pacurariu AC, Straus SM, Trifirò G, Schuemie MJ, **Gini R**, Herings R, et al. *Useful Interplay Between Spontaneous ADR Reports and Electronic Healthcare Records in Signal Detection*. *Drug Saf*. 2015;38(12):1201-10. **IF: 3.206**
- Charlton R, Garne E, Wang H, Klungsøyr K, Jordan S, Neville A, Pierini A, Hansen A, Engeland A, **Gini R**, et al. *Antiepileptic drug prescribing before, during and after pregnancy: a study in seven European regions*. *Pharmacoepidemiol Drug Saf*. 2015. **IF: 2.908**
- Ingrasciotta Y, Giorgianni F, Bolcato J, Chinellato A, Pirolo R, Tari DU, Troncone C, Fontana A, Ientile V, **Gini R**, et al. *How Much Are Biosimilars Used in Clinical Practice? A Retrospective Italian Population-Based Study of Erythropoiesis-Stimulating Agents in the Years 2009-2013*. *BioDrugs*. 2015. **IF: 2.867**
- Charlton R, Jordan S, Pierini A, Garne E, Neville A, Hansen A, **Gini R**, et al. *Selective serotonin reuptake inhibitor prescribing before, during and after pregnancy: a population-based study in six European regions*. *BJOG* 2014 ;24(11):1144-54. **IF: 4.096**
- Masclee GM, Valkhoff VE, Coloma PM, de Ridder M, Romio S, Schuemie MJ, Herings R, **Gini R**, Mazzaglia G, Picelli G, Scotti L, Pedersen L, Kuipers EJ, van der Lei J, Sturkenboom M. *Risk for Upper Gastrointestinal Bleeding from Different Drug Combinations*. *Gastroenterology* 2014;147(4):784-792. **IF: 18.187**
- Ferrajolo C, Coloma PM, Verhamme KMC, Schuemie MJ, de Bie S, **Gini R**, et al. *Signal detection of potentially drug-induced acute liver injury in children using a multi-country healthcare database network*. *Drug Safety* 2014; 37(2):99-108. **IF: 3.206**
- Coloma PM, Schuemie MJ, Trifirò G, Furlong L, van Mulligen E, Bauer-Mehren A, Avillach P, Kors J, Sanz F, Mestres J, Oliveira JL, Boyer S, Helgee EA, Molokhia M, Matthews J, Prieto-Merino D, **Gini R**, Herings R, Mazzaglia G, Picelli G, Scotti L, Pedersen L, van der Lei J, Sturkenboom M. *Drug-Induced Acute Myocardial Infarction: Identifying 'Prime Suspects' from Electronic Healthcare Records-Based Surveillance System*. *PLoS ONE* 2013; 8(9). **IF: 3.54**

Health services research and policy evaluation

- Buja A, Fusinato R, Claus M, **Gini R**, Braga M, Cosentino M, et al. *Effectiveness of pro-active organizational models in primary care for diabetes patients*. *Health Policy*. 2019 Aug;123(8):797-802.
- Buja A, Fusinato R, Claus M, **Gini R**, Braga M, Cosentino M, et al. *Diabetes management in the primary care setting: a comparison of physicians' performance by gender*. *Prim Health Care Res Dev*. June 2018;1-6.
- Barletta V, Profili F, **Gini R**, Grilli L, Rampichini C, Matarrese D, et al. *Impact of Chronic Care Model on diabetes care in Tuscany: a controlled before-after study*. *Eur J Public Health*. 2016. **IF: 2.571**
- Buja A, Solinas G, Visca M, Federico B, **Gini R**, Baldo V, et al. *Prevalence of Heart Failure and Adherence to Process Indicators: Which Socio-Demographic Determinants are Involved?* *International Journal of Environmental Research and Public Health*. 2016;13(2):238. **IF: 2.035**

- Buja A, **Gini R**, Visca M, Damiani G, Federico B, Donato D, et al. *Need and disparities in primary care management of patients with diabetes*. BMC Endocrine Disorders. 2014;14(1):56. **IF: 1.739**
- Buja A, Damiani G, **Gini R**, Visca M, Federico B, Donato D. *Systematic age-related differences in chronic disease management in a population-based cohort study: a new paradigm of primary care is required*. PLoS ONE 2014; 9(3):e91340. **IF: 3.54**
- Visca M, Donatini A, **Gini R**, Federico B, Damiani G, Francesconi P, et al. *Group versus single handed primary care: A performance evaluation of the care delivered to chronic patients by Italian GPs*. Health Policy 2013 113(1-2):188-98. **IF: 2.035**
- Buja A, **Gini R**, Visca M, Damiani G, Federico B, Francesconi P, et al. *Prevalence of chronic diseases by immigrant status and disparities in chronic disease management in immigrants: a population-based cohort study, Valore Project*. BMC Public Health 2013; 13(1):504. **IF: 2.209**
- Carinci F, Roti L, Francesconi P, **Gini R**, Tediosi F, Di Iorio T, Bartolacci S, Buiatti E. *The impact of different rehabilitation strategies after major events in the elderly: the case of stroke and hip fracture in the Tuscany region*. BMC Health Services Research 2007; 7:95. **IF: 1.606**

Artificial intelligence

- Morandin F, Amato G, **Gini R**, Metta C, Parton M, Pascutto G-C. *SAI a Sensible Artificial Intelligence that plays Go*. In: 2019 International Joint Conference on Neural Networks (IJCNN). Budapest, Hungary: IEEE; 2019. p. 1–8. Available from: <https://ieeexplore.ieee.org/document/8852266/>
- Morandin F, Amato G, Fantozzi M, **Gini R**, Metta C, Parton M. *SAI: a Sensible Artificial Intelligence that plays with handicap and targets high scores in 9x9 Go (extended version)*. arXiv:1905.10863. 2019 May 26; Available from: <http://arxiv.org/abs/1905.10863>

Mathematics

- Gini R**, Ornea L, Parton M, Piccinni P. *Reduction of Vaisman structures in complex and quaternionic geometry*. Journal of Geometry and Physics 2006;56 (12):2501-2522
- Gini R**, Ornea L, Parton M. *Locally conformal Kähler reduction*. Crelle's Journal 2005;(581):1-21.
- Funar L, **Gini R**. *The Graded Cobordism Group of Codimension-One Immersions*. Geometric and Functional Analysis 2002; 12(6):1235-1264.
- Gini R**. *Cobordism of immersions of surfaces in non-orientable 3-manifolds*. manuscripta mathematica 2000; 104(1):49–69.