# Gualtiero Fantoni

## List of Publications by Year in descending order



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|---|---|---|---|
| 29 papers | 377 citations | 759055 12 h-index | 839398 18 g-index |
| 29 all docs | 29 docs citations | 29 times ranked | 338 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Text and Dynamic Network Analysis for Measuring Technological Convergence: A Case Study on Defense Patent Data. IEEE Transactions on Engineering Management, 2023, 70, 1490-1503. | 2.4 | 11 |
| 2 | RFID Technology as a Low-Cost and Passive Way to Digitize Industrial Analogic Indicators. Applied Sciences (Switzerland), 2022, 12, 1451. | 1.3 | 2 |
| 3 | On the link between Education and Industry 4.0: a framework for a data-driven education design. , 2022, , . | | 0 |
| 4 | Value creation in emerging technologies through text mining: the case of blockchain. Technology Analysis and Strategic Management, 2021, 33, 1404-1420. | 2.0 | 8 |
| 5 | Analyzing Social Robotics Research with Natural Language Processing Techniques. Cognitive Computation, 2021, 13, 308-321. | 3.6 | 10 |
| 6 | Design, Development and Testing of Feeding Grippers for Vegetable Plug Transplanters. AgriEngineering, 2021, 3, 669-680. | 1.7 | 11 |
| 7 | Towards ESCO 4.0 â€“ Is the European classification of skills in line with Industry 4.0? A text mining approach. Technological Forecasting and Social Change, 2021, 173, 121177. | 6.2 | 23 |
| 8 | Impact for whom? Mapping the users of public research with lexicon-based text mining. Scientometrics, 2021, 126, 1745-1774. | 1.6 | 8 |
| 9 | Expert biases in technology foresight. Why they are a problem and how to mitigate them. Technological Forecasting and Social Change, 2020, 151, 119855. | 6.2 | 57 |
| 10 | Technical Sentiment Analysis. Measuring Advantages and Drawbacks of New Products Using Social Media. Computers in Industry, 2020, 123, 103299. | 5.7 | 32 |
| 11 | Functional Analysis Validation of Micro and Conventional Injection Molding Machines Performances Based on Process Precision and Accuracy for Micro Manufacturing. Micromachines, 2020, 11, 1115. | 1.4 | 9 |
| 12 | Emerging technologies and industrial leadership. A Wikipedia-based strategic analysis of Industry 4.0. Expert Systems With Applications, 2020, 160, 113645. | 4.4 | 18 |
| 13 | Rapid detection of fast innovation under the pressure of COVID-19. PLoS ONE, 2020, 15, e0244175. | 1.1 | 13 |
| 14 | Rapid detection of fast innovation under the pressure of COVID-19. , 2020, 15, e0244175. | | 0 |
| 15 | Rapid detection of fast innovation under the pressure of COVID-19. , 2020, 15, e0244175. | | 0 |
| 16 | Rapid detection of fast innovation under the pressure of COVID-19. , 2020, 15, e0244175. | | 0 |
| 17 | Rapid detection of fast innovation under the pressure of COVID-19. , 2020, 15, e0244175. | | 0 |
| 18 | Expert forecast and realized outcomes in technology foresight. Technological Forecasting and Social Change, 2019, 141, 277-288. | 6.2 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Feasibility of intraoral ultrasonography in the diagnosis of oral soft tissue lesions: a preclinical assessment on an ex vivo specimen. Radiologia Medica, 2018, 123, 135-142. | 4.7 | 12 |
| 20 | A full stack for quick prototyping of IoT solutions. Annales Des Telecommunications/Annals of Telecommunications, 2018, 73, 439-449. | 1.6 | 14 |
| 21 | The light and shade of knowledge recombination: Insights from a general-purpose technology. Technological Forecasting and Social Change, 2017, 125, 154-165. | 6.2 | 29 |
| 22 | A full stack for quick prototyping of IoT solutions. , 2016, , . | | 4 |
| 23 | Functional technology foresight. A novel methodology to identify emerging technologies. European Journal of Futures Research, 2016, 4, . | 1.5 | 5 |
| 24 | Changing the programming paradigm for the embedded in the IoT domain. , 2015, , . | | 9 |
| 25 | Internet of Things for designing smart objects. , 2014, , . | | 10 |
| 26 | Skills and wills: the keys to identify the right team in collaborative innovation platforms. Technology Analysis and Strategic Management, 2014, 26, 687-702. | 2.0 | 21 |
| 27 | Functions and failures: how to manage technological promises for societal challenges. Technology Analysis and Strategic Management, 2014, 26, 369-384. | 2.0 | 16 |
| 28 | A new capillary gripper for mini and micro parts. CIRP Annals - Manufacturing Technology, 2013, 62, 17-20. | 1.7 | 31 |
| 29 | Concept design of new grippers using abstraction and analogy. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2013, 227, 1521-1532. | 1.5 | 12 |