Gualtiero Fantoni

List of Publications by Year in descending order

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	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
2	Technical Sentiment Analysis. Measuring Advantages and Drawbacks of New Products Using Social Media. Computers in Industry, 2020, 123, 103299.	5.7	32
3	A new capillary gripper for mini and micro parts. CIRP Annals - Manufacturing Technology, 2013, 62, 17-20.	1.7	31
4	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
5	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
6	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
7	Emerging technologies and industrial leadership. A Wikipedia-based strategic analysis of Industry 4.0. Expert Systems With Applications, 2020, 160, 113645.	4.4	18
8	Functions and failures: how to manage technological promises for societal challenges. Technology Analysis and Strategic Management, 2014, 26, 369-384.	2.0	16
9	A full stack for quick prototyping of IoT solutions. Annales Des Telecommunications/Annals of Telecommunications, 2018, 73, 439-449.	1.6	14
10	Rapid detection of fast innovation under the pressure of COVID-19. PLoS ONE, 2020, 15, e0244175.	1.1	13
11	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
12	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
13	Expert forecast and realized outcomes in technology foresight. Technological Forecasting and Social Change, 2019, 141, 277-288.	6.2	12
14	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
15	Design, Development and Testing of Feeding Grippers for Vegetable Plug Transplanters. AgriEngineering, 2021, 3, 669-680.	1.7	11
16	Internet of Things for designing smart objects. , 2014, , .		10
17	Analyzing Social Robotics Research with Natural Language Processing Techniques. Cognitive Computation, 2021, 13, 308-321.	3.6	10
18	Changing the programming paradigm for the embedded in the IoT domain. , 2015, , .		9

#	Article	IF	Citations
19	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
20	Value creation in emerging technologies through text mining: the case of blockchain. Technology Analysis and Strategic Management, 2021, 33, 1404-1420.	2.0	8
21	Impact for whom? Mapping the users of public research with lexicon-based text mining. Scientometrics, 2021, 126, 1745-1774.	1.6	8
22	Functional technology foresight. A novel methodology to identify emerging technologies. European Journal of Futures Research, 2016, 4, .	1.5	5
23	A full stack for quick prototyping of IoT solutions. , 2016, , .		4
24	RFID Technology as a Low-Cost and Passive Way to Digitize Industrial Analogic Indicators. Applied Sciences (Switzerland), 2022, 12, 1451.	1.3	2
25	Rapid detection of fast innovation under the pressure of COVID-19. , 2020, 15, e0244175.		0
26	Rapid detection of fast innovation under the pressure of COVID-19. , 2020, 15, e0244175.		0
27	Rapid detection of fast innovation under the pressure of COVID-19. , 2020, 15, e0244175.		0
28	Rapid detection of fast innovation under the pressure of COVID-19. , 2020, 15, e0244175.		0
29	On the link between Education and Industry 4.0: a framework for a data-driven education design. , 2022, , .		0