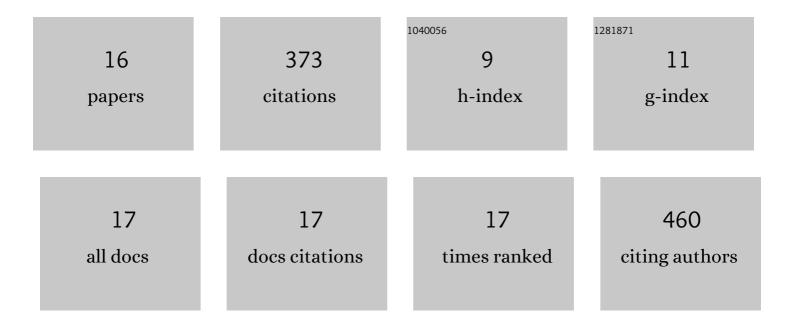
Ruben Foresti

List of Publications by Year in descending order

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RUBEN FORESTI

#	Article	IF	CITATIONS
1	Smart Society and Artificial Intelligence: Big Data Scheduling and the Global Standard Method Applied to Smart Maintenance. Engineering, 2020, 6, 835-846.	6.7	93
2	Highly defined 3D printed chitosan scaffolds featuring improved cell growth. Biomedical Materials (Bristol), 2017, 12, 045009.	3.3	77
3	Alginate Formulations: Current Developments in the Race for Hydrogel-Based Cardiac Regeneration. Frontiers in Bioengineering and Biotechnology, 2020, 8, 414.	4.1	69
4	In-vivo vascular application via ultra-fast bioprinting for future 5D personalised nanomedicine. Scientific Reports, 2020, 10, 3205.	3.3	28
5	3D-printed polylactic acid supports for enhanced ionization efficiency in desorption electrospray mass spectrometry analysis of liquid and gel samples. Talanta, 2016, 155, 321-328.	5.5	19
6	The geek and the chemist: Antioxidant capacity measurements by DPPH assay in beverages using open source tools, consumer electronics and 3D printing. Sensors and Actuators B: Chemical, 2019, 282, 559-566.	7.8	19
7	Highly-defined bioprinting of long-term vascularized scaffolds with Bio-Trap: Complex geometry functionalization and process parameters with computer aided tissue engineering. Materialia, 2020, 9, 100560.	2.7	16
8	3D Printed Masks for Powders and Viruses Safety Protection Using Food Grade Polymers: Empirical Tests. Polymers, 2021, 13, 617.	4.5	12
9	Production paradigms for additive manufacturing systems: A simulation-based analysis. , 2017, , .		11
10	Artificial Intelligence Supports Decision Making during Open-Chest Surgery of Rare Congenital Heart Defects. Journal of Clinical Medicine, 2021, 10, 5330.	2.4	10
11	Design of an instrumentation for the automated damage detection in ceilings. NDT and E International, 2018, 94, 31-37.	3.7	9
12	Bio composite materials: nano functionalization of 4D bio engineered scaffold. , 2019, , .		7
13	Automated diagnosis of damages in ceilings by a portable device. Materials Today: Proceedings, 2017, 4, 5767-5772.	1.8	2
14	3D Reconstruction Cutting and Smart Devices for Personalized Medicine. , 2020, , .		1
15	Bionics-based surgical training using 3D printed photopolymers and smart devices. , 2021, , .		0
16	Bionic for Training: Smart Framework Design for Multisensor Mechatronic Platform Validation. Sensors, 2022, 22, 249.	3.8	0