

Ruben Foresti

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

373
citations

1040056

9
h-index

1281871

11
g-index

17
all docs

17
docs citations

17
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	Smart Society and Artificial Intelligence: Big Data Scheduling and the Global Standard Method Applied to Smart Maintenance. <i>Engineering</i> , 2020, 6, 835-846.	6.7	93
2	Highly defined 3D printed chitosan scaffolds featuring improved cell growth. <i>Biomedical Materials (Bristol)</i> , 2017, 12, 045009.	3.3	77
3	Alginate Formulations: Current Developments in the Race for Hydrogel-Based Cardiac Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 414.	4.1	69
4	In-vivo vascular application via ultra-fast bioprinting for future 5D personalised nanomedicine. <i>Scientific Reports</i> , 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. <i>Talanta</i> , 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. <i>Sensors and Actuators B: Chemical</i> , 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. <i>Materialia</i> , 2020, 9, 100560.	2.7	16
8	3D Printed Masks for Powders and Viruses Safety Protection Using Food Grade Polymers: Empirical Tests. <i>Polymers</i> , 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. <i>Journal of Clinical Medicine</i> , 2021, 10, 5330.	2.4	10
11	Design of an instrumentation for the automated damage detection in ceilings. <i>NDT and E International</i> , 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. <i>Materials Today: Proceedings</i> , 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. <i>Sensors</i> , 2022, 22, 249.	3.8	0