

Nicola Contessi

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

24
papers

574
citations

15
h-index

23
g-index

26
ext. papers

769
ext. citations

5.5
avg, IF

4.53
L-index

#	Paper	IF	Citations
24	Cross-Linking Strategies for Electrospun Gelatin Scaffolds. <i>Materials</i> , 2019 , 12,	3.5	79
23	Additive Manufacturing Approaches for Hydroxyapatite-Reinforced Composites. <i>Advanced Functional Materials</i> , 2019 , 29, 1903055	15.6	70
22	Tissue-mimicking gelatin scaffolds by alginate sacrificial templates for adipose tissue engineering. <i>Acta Biomaterialia</i> , 2019 , 87, 61-75	10.8	46
21	Polyurethane foam scaffold as in vitro model for breast cancer bone metastasis. <i>Acta Biomaterialia</i> , 2017 , 63, 306-316	10.8	44
20	Thermo-responsive properties of methylcellulose hydrogels for cell sheet engineering. <i>Materials Letters</i> , 2017 , 207, 157-160	3.3	42
19	3D Printing of Thermo-Responsive Methylcellulose Hydrogels for Cell-Sheet Engineering. <i>Materials</i> , 2018 , 11,	3.5	36
18	Three-dimensional printing of chemically crosslinked gelatin hydrogels for adipose tissue engineering. <i>Biofabrication</i> , 2020 , 12, 025001	10.5	30
17	3D printing of methylcellulose-based hydrogels. <i>Bioprinting</i> , 2018 , 10, e00024	7	30
16	Novel class of collector in electrospinning device for the fabrication of 3D nanofibrous structure for large defect load-bearing tissue engineering application. <i>Journal of Biomedical Materials Research - Part A</i> , 2017 , 105, 1535-1548	5.4	28
15	Fabrication of photothermally active poly(vinyl alcohol) films with gold nanostars for antibacterial applications. <i>Beilstein Journal of Nanotechnology</i> , 2018 , 9, 2040-2048	3	23
14	Tripolyphosphate-Crosslinked Chitosan/Gelatin Biocomposite Ink for 3D Printing of Uniaxial Scaffolds. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 400	5.8	23
13	TEMPO-Nanocellulose/Ca Hydrogels: Ibuprofen Drug Diffusion and In Vitro Cytocompatibility. <i>Materials</i> , 2020 , 13,	3.5	22
12	Plant Tissues as 3D Natural Scaffolds for Adipose, Bone and Tendon Tissue Regeneration. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 723	5.8	21
11	Chemically crosslinked gelatin hydrogels as scaffolding materials for adipose tissue engineering. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47104	2.9	18
10	Crosslinked gelatin hydrogels as carriers for controlled heparin release. <i>Materials Letters</i> , 2018 , 228, 375-378	3.3	16
9	Single Point Incremental Forming and Electrospinning to produce biodegradable magnesium (AZ31) biomedical prostheses coated with porous PCL. <i>Materials Today: Proceedings</i> , 2019 , 7, 394-401	1.4	10
8	In vitro cell delivery by gelatin microspheres prepared in water-in-oil emulsion. <i>Journal of Materials Science: Materials in Medicine</i> , 2020 , 31, 26	4.5	7

7	Characterization of gelatin hydrogels derived from different animal sources. <i>Materials Letters</i> , 2020 , 272, 127865	3.3	7
6	Tunable Cross-Linking and Adhesion of Gelatin Hydrogels via Bioorthogonal Click Chemistry. <i>ACS Biomaterials Science and Engineering</i> , 2021 , 7, 4330-4346	5.5	7
5	Scaffold-based developmental tissue engineering strategies for ectodermal organ regeneration. <i>Materials Today Bio</i> , 2021 , 10, 100107	9.9	6
4	3D Bioprinting of Pectin-Cellulose Nanofibers Multicomponent Bioinks.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021 , 9, 732689	5.8	3
3	Thermomechanical and in vitro biological characterization of injection-molded PLGA craniofacial plates. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2019 , 17, 2280800019831599	1.8	2
2	Post Forming Analysis and In Vitro Biological Characterization of AZ31B Processed by Incremental Forming and Coated With Electrospun Polycaprolactone. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2021 , 143,	3.3	2
1	An Osteosarcoma Model by 3D Printed Polyurethane Scaffold and In Vitro Generated Bone Extracellular Matrix.. <i>Cancers</i> , 2022 , 14,	6.6	2