

Lorenza Draghi

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

840
citations

686830

13
h-index

642321

23
g-index

25
all docs

25
docs citations

25
times ranked

1544
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-Linking Strategies for Electrospun Gelatin Scaffolds. <i>Materials</i> , 2019, 12, 2476.	1.3	154
2	Microspheres leaching for scaffold porosity control. <i>Journal of Materials Science: Materials in Medicine</i> , 2005, 16, 1093-1097.	1.7	119
3	The Effect of Scaffold Pore Size in Cartilage Tissue Engineering. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2016, 14, e223-e229.	0.7	101
4	Skin-derived stem cells transplanted into resorbable guides provide functional nerve regeneration after sciatic nerve resection. <i>Glia</i> , 2007, 55, 425-438.	2.5	80
5	Composite Colloidal Gels Made of Bisphosphonate-Functionalized Gelatin and Bioactive Glass Particles for Regeneration of Osteoporotic Bone Defects. <i>Advanced Functional Materials</i> , 2017, 27, 1703438.	7.8	71
6	Biopolymer-based strategies in the design of smart medical devices and artificial organs. <i>International Journal of Artificial Organs</i> , 2018, 41, 337-359.	0.7	54
7	Electrospun silk fibroin-gelatin composite tubular matrices as scaffolds for small diameter blood vessel regeneration. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 80.	1.7	40
8	Morphology tuning of chitosan films via electrochemical deposition. <i>Materials Letters</i> , 2012, 78, 18-21.	1.3	34
9	Polymeric Materials as Artificial Muscles: An Overview. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2015, 13, 1-9.	0.7	32
10	Cross-Linking Optimization for Electrospun Gelatin: Challenge of Preserving Fiber Topography. <i>Polymers</i> , 2020, 12, 2472.	2.0	21
11	Electrospun ECM macromolecules as biomimetic scaffold for regenerative medicine: challenges for preserving conformation and bioactivity. <i>AIMS Materials Science</i> , 2017, 4, 638-669.	0.7	18
12	Bottom-up engineering of cell-laden hydrogel microfibrillar patch for guided tissue regeneration. <i>Materials Science and Engineering C</i> , 2020, 108, 110488.	3.8	17
13	Programmed cell delivery from biodegradable microcapsules for tissue repair. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2015, 26, 1002-1012.	1.9	15
14	Bactericidal activity of gallium-doped chitosan coatings against staphylococcal infection. <i>Journal of Applied Microbiology</i> , 2019, 126, 87-101.	1.4	15
15	Graphene nanoplatelets composite membranes for thermal comfort enhancement in performance textiles. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49645.	1.3	13
16	Bioabsorbable scaffold for <i>in situ</i> bone regeneration. <i>Biomedicine and Pharmacotherapy</i> , 2006, 60, 386-392.	2.5	12
17	An injectable, degradable hydrogel plug for tracheal occlusion in congenital diaphragmatic hernia (CDH). <i>Materials Science and Engineering C</i> , 2019, 99, 430-439.	3.8	12
18	Hierarchical microchannel architecture in chitosan/bioactive glass scaffolds via electrophoretic deposition positive replica. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 1455-1465.	2.1	12

#	ARTICLE	IF	CITATIONS
19	Silk fabrics modification by sol-gel method. Textile Reseach Journal, 2018, 88, 99-107.	1.1	5
20	3D Encapsulation Made Easy: A Coaxial-Flow Circuit for the Fabrication of Hydrogel Microfibers Patches. Bioengineering, 2019, 6, 30.	1.6	5
21	In vivocytotoxic evaluation of Ti-Ni-Fe shape memory alloys. Materials Technology, 2014, 29, 139-143.	1.5	3
22	An Implantable Electronic Device for Monitoring Fetal Lung Pressure in a Lamb Model of Congenital Diaphragmatic Hernia. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-10.	2.4	3
23	2D and 3D Electrospun Silk Fibroin Gelatin Coatings to Improve Scaffold Performances in Cardiovascular Applications. , 0, , .		2
24	In Vitro Models for the Development of Peripheral Nerve Conduits, Part I: Design of a Fibrin Gel-Based Non-Contact Test. Polymers, 2021, 13, 3573.	2.0	2