Chiara Rinoldi

List of Publications by Citations

22 papers	803 citations	14 h-index	22 g-index
22 ext. papers	1,083 ext. citations	8.2 avg, IF	4.02 L-index

#	Paper	IF	Citations
22	Drug delivery systems and materials for wound healing applications. *Advanced Drug Delivery Reviews*, **2018**, 127, 138-166	18.5	294
21	A Multifunctional Polymeric Periodontal Membrane with Osteogenic and Antibacterial Characteristics. *Advanced Functional Materials*, **2018**, 28, 1703437	15.6	111
20	Naturally derived proteins and glycosaminoglycan scaffolds for tissue engineering applications. *Materials Science and Engineering C*, **2017**, 78, 1277-1299	8.3	59
19	Tendon Tissue Engineering: Effects of Mechanical and Biochemical Stimulation on Stem Cell Alignment on Cell-Laden Hydrogel Yarns. *Advanced Healthcare Materials*, **2019**, 8, e1801218	10.1	56
18	Mechanical and Biochemical Stimulation of 3D Multilayered Scaffolds for Tendon Tissue Engineering. *ACS Biomaterials Science and Engineering*, **2019**, 5, 2953-2964	5.5	41
17	Multifunctional Platform Based on Electrospun Nanofibers and Plasmonic Hydrogel: A Smart Nanostructured Pillow for Near-Infrared Light-Driven Biomedical Applications. *ACS Applied Materials & Interfaces*, **2020**, 12, 54328-54342	9.5	41
16	Nanobead-on-string composites for tendon tissue engineering. *Journal of Materials Chemistry B*, **2018**, 6, 3116-3127	7.3	38
15	Ultraviolet Light-Assisted Electrospinning of Core–Shell Fully Cross-Linked P(NIPAAm-co-NIPMAAm) Hydrogel-Based Nanofibers for Thermally Induced Drug Delivery Self-Regulation. *Advanced Materials Interfaces*, **2020**, 7, 2000247	4.6	23
14	Structure and physico-mechanical properties of low temperature plasma treated electrospun nanofibrous scaffolds examined with atomic force microscopy. *Micron*, **2018**, 107, 79-84	2.3	20
13	Customizable Composite Fibers for Engineering Skeletal Muscle Models. *ACS Biomaterials Science and Engineering*, **2020**, 6, 1112-1123	5.5	18
12	Nanotechnology-Assisted RNA Delivery: From Nucleic Acid Therapeutics to COVID-19 Vaccines. *Small Methods*, **2021**, 5, 2100402	12.8	17
11	Cholesteryl Ester Liquid Crystal Nanofibers for Tissue Engineering Applications **2020**, 2, 1067-1073		16
10	Three-Dimensional Printable Conductive Semi-Interpenetrating Polymer Network Hydrogel for Neural Tissue Applications. *Biomacromolecules*, **2021**, 22, 3084-3098	6.9	15
9	Engineering biological gradients. *Journal of Applied Biomaterials and Functional Materials*, **2019**, 17, 2280800019829023		14
8	Chameleon-inspired multifunctional plasmonic nanoplatforms for biosensing applications. *NPG Asia Materials*, **2022**, 14,	10.3	14
7	Fibrous Systems as Potential Solutions for Tendon and Ligament Repair, Healing, and Regeneration. *Advanced Healthcare Materials*, **2021**, 10, e2001305	10.1	10
6	Laser-Assisted Fabrication of Injectable Nanofibrous Cell Carriers. *Small*, **2021**, 18, e2104971	11	5

List of Publications

5	Tissue Regeneration: A Multifunctional Polymeric Periodontal Membrane with Osteogenic and Antibacterial Characteristics (Adv. Funct. Mater. 3/2018). *Advanced Functional Materials*, **2018**, 28, 1870021	15.6	4
4	Thermo-active Smart Electrospun Nanofibers.. *Macromolecular Rapid Communications*, **2021**, e2100694	4.8	3
3	Nanoengineered myogenic scaffolds for skeletal muscle tissue engineering.. *Nanoscale*, **2021**,	7.7	2
2	Chapter 9:3D Tissue Modelling of Skeletal Muscle Tissue. *Biomaterials Science Series*, **2019**, 184-215	0.6	2
1	Aligned Cell-Laden Yarns: Tendon Tissue Engineering: Effects of Mechanical and Biochemical Stimulation on Stem Cell Alignment on Cell-Laden Hydrogel Yarns (Adv. Healthcare Mater. 7/2019). *Advanced Healthcare Materials*, **2019**, 8, 1970025	10.1	0