Alicia FernÃ¡ndez-Colino

List of Publications by Year
in descending order

13 papers	331 citations	1040056 9 h-index	1125743 13 g-index
13 all docs	13 docs citations	13 times ranked	430 citing authors

#	Article	IF	Citations
1	Elastinâ€like recombinamers: Biosynthetic strategies and biotechnological applications. Biotechnology Journal, 2011, 6, 1174-1186.	3.5	77
2	Small Caliber Compliant Vascular Grafts Based on Elastin-Like Recombinamers for in situ Tissue Engineering. Frontiers in Bioengineering and Biotechnology, 2019, 7, 340.	4.1	65
3	Spatially Heterogeneous Tubular Scaffolds for In Situ Heart Valve Tissue Engineering Using Melt Electrowriting. Advanced Functional Materials, 2022, 32, .	14.9	39
4	Amphiphilic Elastin-Like Block Co-Recombinamers Containing Leucine Zippers: Cooperative Interplay between Both Domains Results in Injectable and Stable Hydrogels. Biomacromolecules, 2015, 16, 3389-3398.	5.4	33
5	Macroporous click-elastin-like hydrogels for tissue engineering applications. Materials Science and Engineering C, 2018, 88, 140-147.	7.3	30
6	Recent Contributions of Elastin-Like Recombinamers to Biomedicine and Nanotechnology. Current Topics in Medicinal Chemistry, 2014, 14, 819-836.	2.1	24
7	Fibrosis in tissue engineering and regenerative medicine: treat or trigger?. Advanced Drug Delivery Reviews, 2019, 146, 17-36.	13.7	16
8	Native aortic valve derived extracellular matrix hydrogel for three dimensional culture analyses with improved biomimetic properties. Biomedical Materials (Bristol), 2019, 14, 035014.	3.3	11
9	Layer-by-layer biofabrication of coronary covered stents with clickable elastin-like recombinamers. European Polymer Journal, 2019, 121, 109334.	5.4	10
10	Bio-Based Covered Stents: The Potential of Biologically Derived Membranes. Tissue Engineering - Part B: Reviews, 2019, 25, 135-151.	4.8	10
11	Advances in Engineering Venous Valves: The Pursuit of a Definite Solution for Chronic Venous Disease. Tissue Engineering - Part B: Reviews, 2021, 27, 253-265.	4.8	9
12	Combining Catalystâ€Free Click Chemistry with Coaxial Electrospinning to Obtain Longâ€Term, Waterâ€Stable, Bioactive Elastinâ€Like Fibers for Tissue Engineering Applications. Macromolecular Bioscience, 2018, 18, e1800147.	4.1	5
13	Silk Fibroin as Adjuvant in the Fabrication of Mechanically Stable Fibrin Biocomposites. Polymers, 2022, 14, 2251.	4.5	2