

Alicia Fernández-Colino

List of Publications by Year in descending order

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13
papers

331
citations

1040018

9
h-index

1125717

13
g-index

13
all docs

13
docs citations

13
times ranked

430
citing authors

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