Sara Trujillo

List of Publications by Year
in descending order

15 papers	273 citations	1040056 9 h-index	1058476 14 g-index
16 all docs	16 docs citations	16 times ranked	473 citing authors

#	Article	IF	Citations
1	Engineered 3D hydrogels with full-length fibronectin that sequester and present growth factors. Biomaterials, 2020, 252, 120104.	11.4	64
2	New porous polycaprolactoneâ€“silica composites for bone regeneration. Materials Science and Engineering C, 2014, 40, 418-426.	7.3	34
3	Engineered Fullâ€Length Fibronectinâ€“Hyaluronic Acid Hydrogels for Stem Cell Engineering. Advanced Healthcare Materials, 2020, 9, e2000989.	7.6	28
4	Designing topographically textured microparticles for induction and modulation of osteogenesis in mesenchymal stem cell engineering. Biomaterials, 2021, 266, 120450.	11.4	27
5	Organic-inorganic bonding in chitosan-silica hybrid networks: Physical properties. Journal of Polymer Science, Part B: Polymer Physics, 2015, 53, 1391-1400.	2.1	23
6	PLLA/ZnO nanocomposites: Dynamic surfaces to harness cell differentiation. Colloids and Surfaces B: Biointerfaces, 2016, 144, 152-160.	5.0	22
7	A Hydrogel Platform that Incorporates Laminin Isoforms for Efficient Presentation of Growth Factors â€“ Neural Growth and Osteogenesis. Advanced Functional Materials, 2021, 31, 2010225.	14.9	21
8	Silica coating of the pore walls of a microporous polycaprolactone membrane to be used in bone tissue engineering. Journal of Biomedical Materials Research - Part A, 2014, 102, 3229-3236.	4.0	14
9	Dynamic Mechanical Control of Alginate-Fibronectin Hydrogels with Dual Crosslinking: Covalent and Ionic. Polymers, 2021, 13, 433.	4.5	11
10	Hybrid Polycaprolactone/Silica Porous Membranes Produced by Solâ€Gel. Macromolecular Symposia, 2014, 341, 34-44.	0.7	9
11	Porous Polylactic Acid-Silica Hybrids: Preparation, Characterization, and Study of Mesenchymal Stem Cell Osteogenic Differentiation. Macromolecular Bioscience, 2015, 15, 262-274.	4.1	7
12	Confined Sandwichlike Microenvironments Tune Myogenic Differentiation. ACS Biomaterials Science and Engineering, 2017, 3, 1710-1718.	5.2	5
13	Hydrogel Platforms: A Hydrogel Platform that Incorporates Laminin Isoforms for Efficient Presentation of Growth Factors â€“ Neural Growth and Osteogenesis (Adv. Funct. Mater. 21/2021). Advanced Functional Materials, 2021, 31, 2170150.	14.9	3
14	Polycaprolactone membranes reinforced by toughened solâ€“gel produced silica networks. Journal of Sol-Gel Science and Technology, 2014, 71, 136-146.	2.4	1
15	Mechanotransduction and Growth Factor Signaling in Hydrogel-Based Microenvironments. , 2019, , 87-87.		1