

Sara Trujillo

List of Publications by Year in descending order

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Version: 2024-02-01

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