Teresa Simon-Yarza

List of Publications by Year
in descending order

34 papers	2,018 citations	304368 22 h-index	395343 33 g-index
35 all docs	35 docs citations	35 times ranked	3365 citing authors

#	Article	IF	Citations
1	Nanoparticles of Metalâ€Organic Frameworks: On the Road to In Vivo Efficacy in Biomedicine. Advanced Materials, 2018, 30, e1707365.	11.1	459
2	Sustained release of VEGF through PLGA microparticles improves vasculogenesis and tissue remodeling in an acute myocardial ischemiaâ€“reperfusion model. Journal of Controlled Release, 2010, 147, 30-37.	4.8	184
3	A Smart Metalâ€“Organic Framework Nanomaterial for Lung Targeting. Angewandte Chemie - International Edition, 2017, 56, 15565-15569.	7.2	118
4	Controlled delivery of fibroblast growth factor-1 and neuregulin-1 from biodegradable microparticles promotes cardiac repair in a rat myocardial infarction model through activation of endogenous regeneration. Journal of Controlled Release, 2014, 173, 132-139.	4.8	98
5	Injectable alginate hydrogel loaded with GDNF promotes functional recovery in a hemisection model of spinal cord injury. International Journal of Pharmaceutics, 2013, 455, 148-158.	2.6	94
6	Vascular Endothelial Growth Factor-Delivery Systems for Cardiac Repair: An Overview. Theranostics, 2012, 2, 541-552.	4.6	92
7	Membranes for Guided Bone Regeneration: A Road from Bench to Bedside. Advanced Healthcare Materials, 2020, 9, e2000707.	3.9	91
8	A Smart Metalâ€“Organic Framework Nanomaterial for Lung Targeting. Angewandte Chemie, 2017, 129, 15771-15775.	1.6	87
9	GraftFast Surface Engineering to Improve MOF Nanoparticles Furtiveness. Small, 2018, 14, e1801900.	5.2	69
10	In vivo behavior of MIL-100 nanoparticles at early times after intravenous administration. International Journal of Pharmaceutics, 2016, 511, 1042-1047.	2.6	63
11	PEGylated-PLGA microparticles containing VEGF for long term drug delivery. International Journal of Pharmaceutics, 2013, 440, 13-18.	2.6	56
12	Functional benefits of PLGA particulates carrying VEGF and CoQ10 in an animal of myocardial ischemia. International Journal of Pharmaceutics, 2013, 454, 784-790.	2.6	55
13	Vascular endothelial growth factorâ€loaded injectable hydrogel enhances plasticity in the injured spinal cord. Journal of Biomedical Materials Research - Part A, 2014, 102, 2345-2355.	2.1	50
14	In Vitro Strategies to Vascularize 3D Physiologically Relevant Models. Advanced Science, 2021, 8, e2100798.	5.6	50
15	Angiogenic therapy for cardiac repair based on protein delivery systems. Heart Failure Reviews, 2012, 17, 449-473.	1.7	49
16	Abiotic Sequenceâ€Coded Oligomers as Efficient Inâ€...Vivo Taggants for the Identification of Implanted Materials. Angewandte Chemie - International Edition, 2018, 57, 10574-10578.	7.2	48
17	Tracking the in vivo release of bioactive NRG from PLGA and PEGâ€“PLGA microparticles in infarcted hearts. Journal of Controlled Release, 2015, 220, 388-396.	4.8	37
18	Transplantation of adipose-derived stem cells combined with neuregulin-microparticles promotes efficient cardiac repair in a rat myocardial infarction model. Journal of Controlled Release, 2017, 249, 23-31.	4.8	37

#	Article	IF	Citations
19	Cytokine-loaded PLGA and PEG-PLGA microparticles showed similar heart regeneration in a rat myocardial infarction model. International Journal of Pharmaceutics, 2017, 523, 531-533.	2.6	36
20	Adipose-derived stem cells combined with Neuregulin-1 delivery systems for heart tissue engineering. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 143-150.	2.0	32
21	Biodegradation and heart retention of polymeric microparticles in a rat model of myocardial ischemia. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 665-672.	2.0	31
22	Drug Delivery: Nanoparticles of Metal-Organic Frameworks: On the Road to In Vivo Efficacy in Biomedicine (Adv. Mater. 37/2018). Advanced Materials, 2018, 30, 1870281.	11.1	24
23	Polymeric Electrospun Scaffolds: Neuregulin Encapsulation and Biocompatibility Studies in a Model of Myocardial Ischemia. Tissue Engineering - Part A, 2015, 21, 1654-1661.	1.6	23
24	Design, characterization and in vivo performance of synthetic 2â€‰mm-diameter vessel grafts made of PVA-gelatin blends. Scientific Reports, 2018, 8, 7417.	1.6	20
25	Metalâ€“Organic Framework Microsphere Formulation for Pulmonary Administration. ACS Applied Materials & Interfaces, 2020, 12, 25676-25682.	4.0	20
26	Bimodal Fucoidan-Coated Zinc Oxide/Iron Oxide-Based Nanoparticles for the Imaging of Atherothrombosis. Molecules, 2019, 24, 962.	1.7	18
27	Cardiovascular Bio-Engineering: Current State of the Art. Journal of Cardiovascular Translational Research, 2017, 10, 180-193.	1.1	17
28	Development of 3D Hepatic Constructs Within Polysaccharide-Based Scaffolds with Tunable Properties. International Journal of Molecular Sciences, 2020, 21, 3644.	1.8	14
29	Channeled polysaccharide-based hydrogel reveals influence of curvature to guide endothelial cell arrangement in vessel-like structures. Materials Science and Engineering C, 2021, 118, 111369.	3.8	13
30	4.38 The Situation of Metal-Organic Frameworks in Biomedicine â˜†. , 2017, , 719-749.		12
31	Abiotic Sequenceâ€Coded Oligomers as Efficient Inâ€…Vivo Taggants for the Identification of Implanted Materials. Angewandte Chemie, 2018, 130, 10734-10738.	1.6	12
32	Tuning Physicochemical Properties of a Macroporous Polysaccharide-Based Scaffold for 3D Neuronal Culture. International Journal of Molecular Sciences, 2021, 22, 12726.	1.8	3
33	Drug Delivery in Tissue Engineering: General Concepts. RSC Drug Discovery Series, 2012, , 501-526.	0.2	1
34	PLGA Nano- and Microparticles for VEGF Delivery. , 2016, , 445-478.		0