

Teresa Simon-Yarza

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,018
citations

304368

22
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395343

33
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35
all docs

35
docs citations

35
times ranked

3365
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Channeled polysaccharide-based hydrogel reveals influence of curvature to guide endothelial cell arrangement in vessel-like structures. <i>Materials Science and Engineering C</i> , 2021, 118, 111369. | 3.8 | 13 |
| 2 | In Vitro Strategies to Vascularize 3D Physiologically Relevant Models. <i>Advanced Science</i> , 2021, 8, e2100798. | 5.6 | 50 |
| 3 | Tuning Physicochemical Properties of a Macroporous Polysaccharide-Based Scaffold for 3D Neuronal Culture. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12726. | 1.8 | 3 |
| 4 | Membranes for Guided Bone Regeneration: A Road from Bench to Bedside. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000707. | 3.9 | 91 |
| 5 | Metal-Organic Framework Microsphere Formulation for Pulmonary Administration. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 25676-25682. | 4.0 | 20 |
| 6 | Development of 3D Hepatic Constructs Within Polysaccharide-Based Scaffolds with Tunable Properties. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3644. | 1.8 | 14 |
| 7 | Bimodal Fucoidan-Coated Zinc Oxide/Iron Oxide-Based Nanoparticles for the Imaging of Atherothrombosis. <i>Molecules</i> , 2019, 24, 962. | 1.7 | 18 |
| 8 | Drug Delivery: Nanoparticles of Metal-Organic Frameworks: On the Road to In Vivo Efficacy in Biomedicine (<i>Adv. Mater.</i> 37/2018). <i>Advanced Materials</i> , 2018, 30, 1870281. | 11.1 | 24 |
| 9 | Abiotic Sequence-Coded Oligomers as Efficient In Vivo Taggants for the Identification of Implanted Materials. <i>Angewandte Chemie</i> , 2018, 130, 10734-10738. | 1.6 | 12 |
| 10 | Design, characterization and in vivo performance of synthetic 2-mm-diameter vessel grafts made of PVA-gelatin blends. <i>Scientific Reports</i> , 2018, 8, 7417. | 1.6 | 20 |
| 11 | GraftFast Surface Engineering to Improve MOF Nanoparticles Furtiveness. <i>Small</i> , 2018, 14, e1801900. | 5.2 | 69 |
| 12 | Abiotic Sequence-Coded Oligomers as Efficient In Vivo Taggants for the Identification of Implanted Materials. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 10574-10578. | 7.2 | 48 |
| 13 | Nanoparticles of Metal-Organic Frameworks: On the Road to In Vivo Efficacy in Biomedicine. <i>Advanced Materials</i> , 2018, 30, e1707365. | 11.1 | 459 |
| 14 | Transplantation of adipose-derived stem cells combined with neuregulin-microparticles promotes efficient cardiac repair in a rat myocardial infarction model. <i>Journal of Controlled Release</i> , 2017, 249, 23-31. | 4.8 | 37 |
| 15 | Cardiovascular Bio-Engineering: Current State of the Art. <i>Journal of Cardiovascular Translational Research</i> , 2017, 10, 180-193. | 1.1 | 17 |
| 16 | A Smart Metal-Organic Framework Nanomaterial for Lung Targeting. <i>Angewandte Chemie</i> , 2017, 129, 15771-15775. | 1.6 | 87 |
| 17 | A Smart Metal-Organic Framework Nanomaterial for Lung Targeting. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15565-15569. | 7.2 | 118 |
| 18 | 4.38 The Situation of Metal-Organic Frameworks in Biomedicine \hat{t} . , 2017, , 719-749. | | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Cytokine-loaded PLGA and PEG-PLGA microparticles showed similar heart regeneration in a rat myocardial infarction model. <i>International Journal of Pharmaceutics</i> , 2017, 523, 531-533. | 2.6 | 36 |
| 20 | In vivo behavior of MIL-100 nanoparticles at early times after intravenous administration. <i>International Journal of Pharmaceutics</i> , 2016, 511, 1042-1047. | 2.6 | 63 |
| 21 | PLGA Nano- and Microparticles for VEGF Delivery. , 2016, , 445-478. | | 0 |
| 22 | Polymeric Electrospun Scaffolds: Neuregulin Encapsulation and Biocompatibility Studies in a Model of Myocardial Ischemia. <i>Tissue Engineering - Part A</i> , 2015, 21, 1654-1661. | 1.6 | 23 |
| 23 | Tracking the in vivo release of bioactive NRG from PLGA and PEG-PLGA microparticles in infarcted hearts. <i>Journal of Controlled Release</i> , 2015, 220, 388-396. | 4.8 | 37 |
| 24 | Vascular endothelial growth factor-loaded injectable hydrogel enhances plasticity in the injured spinal cord. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 2345-2355. | 2.1 | 50 |
| 25 | 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. <i>Journal of Controlled Release</i> , 2014, 173, 132-139. | 4.8 | 98 |
| 26 | PEGylated-PLGA microparticles containing VEGF for long term drug delivery. <i>International Journal of Pharmaceutics</i> , 2013, 440, 13-18. | 2.6 | 56 |
| 27 | Injectable alginate hydrogel loaded with GDNF promotes functional recovery in a hemisection model of spinal cord injury. <i>International Journal of Pharmaceutics</i> , 2013, 455, 148-158. | 2.6 | 94 |
| 28 | Biodegradation and heart retention of polymeric microparticles in a rat model of myocardial ischemia. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 665-672. | 2.0 | 31 |
| 29 | Functional benefits of PLGA particulates carrying VEGF and CoQ10 in an animal of myocardial ischemia. <i>International Journal of Pharmaceutics</i> , 2013, 454, 784-790. | 2.6 | 55 |
| 30 | Adipose-derived stem cells combined with Neuregulin-1 delivery systems for heart tissue engineering. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 143-150. | 2.0 | 32 |
| 31 | Vascular Endothelial Growth Factor-Delivery Systems for Cardiac Repair: An Overview. <i>Theranostics</i> , 2012, 2, 541-552. | 4.6 | 92 |
| 32 | Angiogenic therapy for cardiac repair based on protein delivery systems. <i>Heart Failure Reviews</i> , 2012, 17, 449-473. | 1.7 | 49 |
| 33 | Drug Delivery in Tissue Engineering: General Concepts. <i>RSC Drug Discovery Series</i> , 2012, , 501-526. | 0.2 | 1 |
| 34 | Sustained release of VEGF through PLGA microparticles improves vasculogenesis and tissue remodeling in an acute myocardial ischemia-reperfusion model. <i>Journal of Controlled Release</i> , 2010, 147, 30-37. | 4.8 | 184 |