Joanne E Mcbane

List of Publications by Year
in descending order

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19
papers

565
citations

706676

14
h-index

889612

19
g-index

19
all docs

19
docs citations

19
times ranked

993
citing authors

#	Article	IF	Citations
1	Full-Length Glycosylated Gag of Murine Leukemia Virus Can Associate with the Viral Envelope as a Type I Integral Membrane Protein. Journal of Virology, 2018, 92, .	1.5	18
2	Collagen-chitosan-laminin hydrogels for the delivery of insulin-producing tissue. Journal of Tissue Engineering and Regenerative Medicine, 2016, 10, E397-E408.	1.3	12
3	High-throughput Functional Genomics Identifies Regulators of Primary Human Beta Cell Proliferation. Journal of Biological Chemistry, 2016, 291, 4614-4625.	1.6	38
4	Glyoxalase-1 overexpression in bone marrow cells reverses defective neovascularization in STZ-induced diabetic mice. Cardiovascular Research, 2014, 101, 306-316.	1.8	37
5	Characterization of a degradable polar hydrophobic ionic polyurethane with circulating angiogenic cellsin vitro. Journal of Biomaterials Science, Polymer Edition, 2014, 25, 1159-1173.	1.9	1
6	Evaluation of a Collagen-Chitosan Hydrogel for Potential Use as a Pro-Angiogenic Site for Islet Transplantation. PLoS ONE, 2013, 8, e77538.	1.1	51
7	Tissue Engineering a Small Diameter Vessel Substitute: Engineering Constructs with Select Biomaterials and Cells. Current Vascular Pharmacology, 2012, 10, 347-360.	0.8	26
8	Differences in protein binding and cytokine release from monocytes on commercially sourced tissue culture polystyrene. Acta Biomaterialia, 2012, 8, 89-98.	4.1	17
9	Co-culturing monocytes with smooth muscle cells improves cell distribution within a degradable polyurethane scaffold and reduces inflammatory cytokines. Acta Biomaterialia, 2012, 8, 488-501.	4.1	24
10	Biodegradation and inÂvivo biocompatibility of a degradable, polar/hydrophobic/ionic polyurethane for tissue engineering applications. Biomaterials, 2011, 32, 6034-6044.	5.7	121
11	Use of monocyte/endothelial cell co-cultures (in vitro) and a subcutaneous implant mouse model (in) Tj ETQq1 1 0.784314 rgBT /Over Biochemistry, 2011, 112, 3762-3772.	1.2	19
12	Differentiation of monocytes on a degradable, polar, hydrophobic, ionic polyurethane: Two-dimensional films vs. three-dimensional scaffolds. Acta Biomaterialia, 2011, 7, 115-122.	4.1	21
13	The effect of degradable polymer surfaces on co-cultures of monocytes and smooth muscle cells. Biomaterials, 2011, 32, 3584-3595.	5.7	42
14	The effects of phorbol ester activation and reactive oxygen species scavengers on the macrophageâ€mediated foreign body reaction to polyurethanes. Journal of Biomedical Materials Research - Part A, 2009, 91A, 1150-1159.	2.1	3
15	Effect of polyurethane chemistry and protein coating on monocyte differentiation towards a wound healing phenotype macrophage. Biomaterials, 2009, 30, 5497-5504.	5.7	57
16	Effect of Phorbol Esters on the Macrophage-Mediated Biodegradation of Polyurethanes via Protein Kinase C Activation and Other Pathways. Journal of Biomaterials Science, Polymer Edition, 2009, 20, 437-453.	1.9	11
17	Is cell culture stressful? Effects of degradable and nondegradable culture surfaces on U937 cell function. BioTechniques, 2007, 42, 744-750.	0.8	14
18	The interaction between hydrolytic and oxidative pathways in macrophage-mediated polyurethane degradation. Journal of Biomedical Materials Research - Part A, 2007, 82A, 984-994.	2.1	36

#	ARTICLE	IF	CITATIONS
19	Role of protein kinase C in the monocyte-derived macrophage-mediated biodegradation of polycarbonate-based polyurethanes. Journal of Biomedical Materials Research - Part A, 2005, 74A, 1-11.	2.1	17