Casey K Chan

List of Publications by Year
in descending order

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27	1,876	304368 22	525886 27
papers	citations	h-index	g-index

28	28	28	3094
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The fabrication of nano-hydroxyapatite on PLGA and PLGA/collagen nanofibrous composite scaffolds and their effects in osteoblastic behavior for bone tissue engineering. Bone, 2009, 45, 4-16.	1.4	302
2	Degradation Behaviors of Electrospun Resorbable Polyester Nanofibers. Tissue Engineering - Part B: Reviews, 2009, 15, 333-351.	2.5	160
3	Electrospun nanofiber scaffolds for rapid and rich capture of bone marrow-derived hematopoietic stem cells. Biomaterials, 2008, 29, 2096-2103.	5.7	131
4	Stem cells and biomimetic materials strategies for tissue engineering. Materials Science and Engineering C, 2008, 28, 1189-1202.	3.8	130
5	Processing nanoengineered scaffolds through electrospinning and mineralization suitable for biomimetic bone tissue engineering. Journal of the Mechanical Behavior of Biomedical Materials, 2008, 1, 252-260.	1.5	116
6	Effects of Nanofiber/Stem Cell Composite on Wound Healing in Acute Full-Thickness Skin Wounds. Tissue Engineering - Part A, 2011, 17, 1413-1424.	1.6	100
7	Fabrication of Mineralized Polymeric Nanofibrous Composites for Bone Graft Materials. Tissue Engineering - Part A, 2009, 15, 535-546.	1.6	98
8	Degradation of Electrospun Nanofiber Scaffold by Short Wave Length Ultraviolet Radiation Treatment and Its Potential Applications in Tissue Engineering. Tissue Engineering - Part A, 2008, 14, 1321-1329.	1.6	92
9	Biomimetic nanocomposites for bone graft applications. Nanomedicine, 2006, 1, 177-188.	1.7	79
10	Biomimetic surface modification of titanium surfaces for early cell capture by advanced electrospinning. Biomedical Materials (Bristol), 2012, 7, 015001.	1.7	78
11	Effects of nanotopography on stem cell phenotypes. World Journal of Stem Cells, 2009, 1, 55.	1.3	77
12	Distinctive Degradation Behaviors of Electrospun Polyglycolide, Poly(<scp>dl</scp>-Lactide-co-Glycolide), and Poly(<scp>l</scp>-Lactide-co-É›-Caprolactone) Nanofibers Cultured With/Without Porcine Smooth Muscle Cells. Tissue Engineering - Part A, 2010, 16, 283-298.	1.6	68
13	Differentiation of bone marrow-derived mesenchymal stem cells into multi-layered epidermis-like cells in 3D organotypic coculture. Biomaterials, 2009, 30, 3251-3258.	5.7	47
14	Biomimetic Nanocomposites to Control Osteogenic Differentiation of Human Mesenchymal Stem Cells. Advanced Healthcare Materials, 2014, 3, 737-751.	3.9	43
15	Internationalization and evolution of application areas of an emerging technology: The case of nanotechnology. Scientometrics, 2007, 70, 715-737.	1.6	42
16	Early adhesive behavior of bone-marrow-derived mesenchymal stem cells on collagen electrospun fibers. Biomedical Materials (Bristol), 2009, 4, 035006.	1.7	41
17	Fabrication of nano-hydroxyapatite/collagen/osteonectin composites for bone graft applications. Biomedical Materials (Bristol), 2009, 4, 025019.	1.7	40
18	Enhanced osteogenic differentiation with 3D electrospun nanofibrous scaffolds. Nanomedicine, 2012, 7, 1561-1575.	1.7	36

#	Article	IF	Citations
19	The dose effect of human bone marrow-derived mesenchymal stem cells on epidermal development in organotypic co-culture. Journal of Dermatological Science, 2009, 55, 150-160.	1.0	33
20	Long-term viability of coronary artery smooth muscle cells on poly(<scp>l</scp> -lactide- co) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Journal of the Royal Society Interface, 2008, 5, 1109-1118.	1.5	32
21	The influence of laminin-derived peptides conjugated to Lys-capped PLLA on neonatal mouse cerebellum C17.2 stem cells. Biomaterials, 2009, 30, 1578-1586.	5.7	28
22	Electrospun Poly(L-Lactic Acid) Nanofibres Loaded with Dexamethasone to Induce Osteogenic Differentiation of Human Mesenchymal Stem Cells. Journal of Biomaterials Science, Polymer Edition, 2012, 23, 1771-1791.	1.9	26
23	Electrospun nanofibers: Work for medicine?. Frontiers of Materials Science in China, 2010, 4, 29-33.	0.5	24
24	Systematic fabrication of nano-carbonated hydroxyapatite/collagen composites for biomimetic bone grafts. Bioinspiration and Biomimetics, 2007, 2, 37-41.	1.5	22
25	The role of nanofibrous structure in osteogenic differentiation of human mesenchymal stem cells with serial passage. Nanomedicine, 2011, 6, 961-974.	1.7	17
26	NANOTECHNOLOGY PATENT LANDSCAPE 2006. Nano, 2006, 01, 101-113.	0.5	10
27	Biomimetic Nanocomposites for Tissue Engineering. Journal of Bionanoscience, 2007, 1, 1-13.	0.4	4