

Casey K Chan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12107187/publications.pdf>

Version: 2024-02-01

27
papers

1,876
citations

304368

22
h-index

525886

27
g-index

28
all docs

28
docs citations

28
times ranked

3094
citing authors

#	ARTICLE	IF	CITATIONS
1	Biomimetic Nanocomposites to Control Osteogenic Differentiation of Human Mesenchymal Stem Cells. <i>Advanced Healthcare Materials</i> , 2014, 3, 737-751.	3.9	43
2	Enhanced osteogenic differentiation with 3D electrospun nanofibrous scaffolds. <i>Nanomedicine</i> , 2012, 7, 1561-1575.	1.7	36
3	Electrospun Poly(L-Lactic Acid) Nanofibres Loaded with Dexamethasone to Induce Osteogenic Differentiation of Human Mesenchymal Stem Cells. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2012, 23, 1771-1791.	1.9	26
4	Biomimetic surface modification of titanium surfaces for early cell capture by advanced electrospinning. <i>Biomedical Materials (Bristol)</i> , 2012, 7, 015001.	1.7	78
5	Effects of Nanofiber/Stem Cell Composite on Wound Healing in Acute Full-Thickness Skin Wounds. <i>Tissue Engineering - Part A</i> , 2011, 17, 1413-1424.	1.6	100
6	The role of nanofibrous structure in osteogenic differentiation of human mesenchymal stem cells with serial passage. <i>Nanomedicine</i> , 2011, 6, 961-974.	1.7	17
7	Electrospun nanofibers: Work for medicine?. <i>Frontiers of Materials Science in China</i> , 2010, 4, 29-33.	0.5	24
8	Distinctive Degradation Behaviors of Electrospun Polyglycolide, Poly(<i>DL</i> -Lactide- <i>co</i> -Glycolide), and Poly(<i>L</i> -Lactide- <i>co</i> - ϵ -Caprolactone) Nanofibers Cultured With/Without Porcine Smooth Muscle Cells. <i>Tissue Engineering - Part A</i> , 2010, 16, 283-298.	1.6	68
9	Early adhesive behavior of bone-marrow-derived mesenchymal stem cells on collagen electrospun fibers. <i>Biomedical Materials (Bristol)</i> , 2009, 4, 035006.	1.7	41
10	Differentiation of bone marrow-derived mesenchymal stem cells into multi-layered epidermis-like cells in 3D organotypic coculture. <i>Biomaterials</i> , 2009, 30, 3251-3258.	5.7	47
11	The influence of laminin-derived peptides conjugated to Lys-capped PLLA on neonatal mouse cerebellum C17.2 stem cells. <i>Biomaterials</i> , 2009, 30, 1578-1586.	5.7	28
12	The fabrication of nano-hydroxyapatite on PLGA and PLGA/collagen nanofibrous composite scaffolds and their effects in osteoblastic behavior for bone tissue engineering. <i>Bone</i> , 2009, 45, 4-16.	1.4	302
13	The dose effect of human bone marrow-derived mesenchymal stem cells on epidermal development in organotypic co-culture. <i>Journal of Dermatological Science</i> , 2009, 55, 150-160.	1.0	33
14	Effects of nanotopography on stem cell phenotypes. <i>World Journal of Stem Cells</i> , 2009, 1, 55.	1.3	77
15	Degradation Behaviors of Electrospun Resorbable Polyester Nanofibers. <i>Tissue Engineering - Part B: Reviews</i> , 2009, 15, 333-351.	2.5	160
16	Fabrication of Mineralized Polymeric Nanofibrous Composites for Bone Graft Materials. <i>Tissue Engineering - Part A</i> , 2009, 15, 535-546.	1.6	98
17	Fabrication of nano-hydroxyapatite/collagen/osteonectin composites for bone graft applications. <i>Biomedical Materials (Bristol)</i> , 2009, 4, 025019.	1.7	40
18	Processing nanoengineered scaffolds through electrospinning and mineralization suitable for biomimetic bone tissue engineering. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2008, 1, 252-260.	1.5	116

#	ARTICLE	IF	CITATIONS
19	Electrospun nanofiber scaffolds for rapid and rich capture of bone marrow-derived hematopoietic stem cells. <i>Biomaterials</i> , 2008, 29, 2096-2103.	5.7	131
20	Stem cells and biomimetic materials strategies for tissue engineering. <i>Materials Science and Engineering C</i> , 2008, 28, 1189-1202.	3.8	130
21	Degradation of Electrospun Nanofiber Scaffold by Short Wave Length Ultraviolet Radiation Treatment and Its Potential Applications in Tissue Engineering. <i>Tissue Engineering - Part A</i> , 2008, 14, 1321-1329.	1.6	92
22	Long-term viability of coronary artery smooth muscle cells on poly(lactide-co-glycolide) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Journal of the Royal Society Interface, 2008, 5, 1109-1118.	1.5	32
23	Systematic fabrication of nano-carbonated hydroxyapatite/collagen composites for biomimetic bone grafts. <i>Bioinspiration and Biomimetics</i> , 2007, 2, 37-41.	1.5	22
24	Internationalization and evolution of application areas of an emerging technology: The case of nanotechnology. <i>Scientometrics</i> , 2007, 70, 715-737.	1.6	42
25	Biomimetic Nanocomposites for Tissue Engineering. <i>Journal of Bionanoscience</i> , 2007, 1, 1-13.	0.4	4
26	NANOTECHNOLOGY PATENT LANDSCAPE 2006. <i>Nano</i> , 2006, 01, 101-113.	0.5	10
27	Biomimetic nanocomposites for bone graft applications. <i>Nanomedicine</i> , 2006, 1, 177-188.	1.7	79