Xingguo Cheng

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11609995/publications.pdf

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23	2,081	623734	677142
papers	citations	14 h-index	22 g-index

23	23	23	3438
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modulation of Immune Response to Chlamydia muridarum by Host miR-135a. Frontiers in Cellular and Infection Microbiology, 2021, 11, 638058.	3.9	2
2	An electrochemically deposited collagen wound matrix combined with adipose-derived stem cells improves cutaneous wound healing in a mouse model of type 2 diabetes. Journal of Biomaterials Applications, 2018, 33, 553-565.	2.4	13
3	Liposomal nanoparticle-based conserved peptide influenza vaccine and monosodium urate crystal adjuvant elicit protective immune response in pigs. International Journal of Nanomedicine, 2018, Volume 13, 6699-6715.	6.7	45
4	Preparation and In Vitro Evaluation of Electrochemically-Aligned Collagen Matrix as a Dermal Substitute. MRS Advances, 2016, 1, 1295-1300.	0.9	4
5	Biomask for skin regeneration. Regenerative Medicine, 2014, 9, 245-248.	1.7	5
6	Platelet-derived growth-factor-releasing aligned collagenâ€“nanoparticle fibers promote the proliferation and tenogenic differentiation of adipose-derived stem cells. Acta Biomaterialia, 2014, 10, 1360-1369.	8.3	68
7	Biomimetic Collagenâ€“Hydroxyapatite Composite Fabricated via a Novel Perfusion-Flow Mineralization Technique. Tissue Engineering - Part C: Methods, 2013, 19, 487-496.	2.1	66
8	Comparison of Two Nanoparticle Formulations for Localized Delivery of Platelet-Derived Growth Factor (PDGF) from Aligned Collagen Fibers. Pharmaceutical Nanotechnology, 2013, 1, 105-114.	1.5	5
9	Electrochemical Bioencapsulation of Nanomaterials into Collagen for Biomedical Applications. Journal of Encapsulation and Adsorption Sciences, 2013, 03, 16-23.	0.3	3
10	Preparation of Nanoparticle-containing Aligned Collagen Fibers for Dense Connective Tissue Repair and Regeneration. Materials Research Society Symposia Proceedings, 2012, 1417, 25.	0.1	1
11	Design and assessment of a wrapped cylindrical Caâ€P AZ31 Mg alloy for criticalâ€size ulna defect repair. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2012, 100B, 206-216.	3.4	21
12	Comparison of morphology, orientation, and migration of tendon derived fibroblasts and bone marrow stromal cells on electrochemically aligned collagen constructs. Journal of Biomedical Materials Research - Part A, 2010, 94A, 1070-1079.	4.0	37
13	Analysis of Crystals Leading to Joint Arthropathies by Raman Spectroscopy: Comparison with Compensated Polarized Imaging. Applied Spectroscopy, 2009, 63, 381-386.	2.2	24
14	Modulation of Hydroxyapatite Nanocrystal Size and Shape by Polyelectrolytic Peptides. Crystal Growth and Design, 2009, 9, 5220-5226.	3.0	20
15	An electrochemical fabrication process for the assembly of anisotropically oriented collagen bundles. Biomaterials, 2008, 29, 3278-3288.	11.4	224
16	Transition Bars during Transformation of an Amorphous Calcium Carbonate Precursor. Chemistry of Materials, 2008, 20, 6917-6928.	6.7	53
17	Bone structure and formation: A new perspective. Materials Science and Engineering Reports, 2007, 58, 77-116.	31.8	1,230
18	Biomimetic synthesis of calcite films by a polymer-induced liquid-precursor (PILP) process. Journal of Crystal Growth, 2007, 307, 395-404.	1.5	87

#	Article	IF	Citations
19	Chemotherapy drug delivery from calcium phosphate nanoparticles. International Journal of Nanomedicine, 2007, 2, 667-74.	6.7	65
20	Molding Mineral within Microporous Hydrogels by a Polymer-Induced Liquid-Precursor (PILP) Process. Biotechnology Progress, 2006, 22, 141-149.	2.6	77
21	Preparation and characterization of microcellular polystyrene/polystyrene ionomer blends with supercritical carbon dioxide. Journal of Polymer Science, Part B: Polymer Physics, 2003, 41, 368-377.	2.1	27
22	Preparation of microcellular composites with biomimetic structure via supercritical fluid technology. Science Bulletin, 2001, 46, 909-911.	1.7	1
23	Biomaterials for Tendon/Ligament and Skin Regeneration. , 0, , .		3