

Xiaokun Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8134925/publications.pdf>

Version: 2024-02-01

20
papers

813
citations

758635

12
h-index

839053

18
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21
all docs

21
docs citations

21
times ranked

1490
citing authors

#	ARTICLE	IF	CITATIONS
1	Type 2 immunity induced by bladder extracellular matrix enhances corneal wound healing. <i>Science Advances</i> , 2021, 7, .	4.7	22
2	Multifunctional synthetic Bowman's membrane-stromal biomimetic for corneal reconstruction. <i>Biomaterials</i> , 2020, 241, 119880.	5.7	14
3	Interleukin 17 and senescent cells regulate the foreign body response to synthetic material implants in mice and humans. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	99
4	Tissue-Derived Biological Particles Restore Cornea Properties in an Enzyme-Mediated Corneal Ectatic Model. <i>Bioengineering</i> , 2019, 6, 90.	1.6	1
5	Tissue-derived microparticles reduce inflammation and fibrosis in cornea wounds. <i>Acta Biomaterialia</i> , 2019, 85, 192-202.	4.1	22
6	Collagen vitrigels with lowâ€fibril density enhance human embryonic stem cellâ€derived retinal pigment epithelial cell maturation. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 821-829.	1.3	6
7	Cornea Implants: Cyclodextrin Modulated Type I Collagen Selfâ€Assembly to Engineer Biomimetic Cornea Implants (<i>Adv. Funct. Mater.</i> 41/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870297.	7.8	1
8	Cyclodextrin Modulated Type I Collagen Selfâ€Assembly to Engineer Biomimetic Cornea Implants. <i>Advanced Functional Materials</i> , 2018, 28, 1804076.	7.8	37
9	Proteomic composition and immunomodulatory properties of urinary bladder matrix scaffolds in homeostasis and injury. <i>Seminars in Immunology</i> , 2017, 29, 14-23.	2.7	73
10	Chondroitin Sulfateâ€Based Biocompatible Crosslinker Restores Corneal Mechanics and Collagen Alignment. , 2017, 58, 3887.		17
11	Design, clinical translation and immunological response of biomaterials in regenerative medicine. <i>Nature Reviews Materials</i> , 2016, 1, .	23.3	208
12	Role of integrin Î± ₂ Î² ₁ in mediating osteoblastic differentiation on threeâ€dimensional titanium scaffolds with submicronâ€scale texture. <i>Journal of Biomedical Materials Research - Part A</i> , 2015, 103, 1907-1918.	2.1	26
13	Protective Effects of Soluble Collagen during Ultraviolet-A Crosslinking on Enzyme-Mediated Corneal Ectatic Models. <i>PLoS ONE</i> , 2015, 10, e0136999.	1.1	11
14	Synthesis of Thermal Polymerizable Alginate-GMA Hydrogel for Cell Encapsulation. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-8.	1.5	19
15	In Vivo Study of Ligament-Bone Healing after Anterior Cruciate Ligament Reconstruction Using Autologous Tendons with Mesenchymal Stem Cells Affinity Peptide Conjugated Electrospun Nanofibrous Scaffold. <i>Journal of Nanomaterials</i> , 2013, 2013, 1-11.	1.5	7
16	Evaluation of the Morphology and Osteogenic Potential of Titania-Based Electrospun Nanofibers. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-7.	1.5	4
17	Fabrication of electrospun silicaâ€titania nanofibers with different silica content and evaluation of the morphology and osteoinductive properties. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 3511-3517.	2.1	16
18	Effects of structural properties of electrospun TiO ₂ nanofiber meshes on their osteogenic potential. <i>Acta Biomaterialia</i> , 2012, 8, 878-885.	4.1	59

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19	Polycaprolactone electrospun mesh conjugated with an MSC affinity peptide for MSC homing in vivo. <i>Biomaterials</i> , 2012, 33, 3375-3387.	5.7	143
20	Direct Growth of Human Enamel-Like Calcium Phosphate Microstructures on Human Tooth. <i>Journal of Nanoscience and Nanotechnology</i> , 2009, 9, 1361-1364.	0.9	28