

Tun Yuan

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

822
citations

516710

16
h-index

580821

25
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28
all docs

28
docs citations

28
times ranked

1453
citing authors

#	ARTICLE	IF	CITATIONS
1	A simple, safe and easily accessible polyvinyl alcohol hydrogel for wound cleaning. <i>Journal of Biomaterials Applications</i> , 2022, 36, 1737-1747.	2.4	2
2	Lactobionic acid-modified chitosan thermosensitive hydrogels that lift lesions and promote repair in endoscopic submucosal dissection. <i>Carbohydrate Polymers</i> , 2021, 263, 118001.	10.2	19
3	Chitosan thermosensitive hydrogels based on lyophilizate powders demonstrate significant potential for clinical use in endoscopic submucosal dissection procedures. <i>International Journal of Biological Macromolecules</i> , 2021, 184, 593-603.	7.5	9
4	Feasibility study of use of rabbit blood to evaluate platelet activation by medical devices. <i>Thrombosis Research</i> , 2020, 185, 171-179.	1.7	3
5	Evaluating platelet activation related to the degradation products of biomaterials using molecular markers. <i>Journal of Materials Chemistry B</i> , 2020, 8, 7659-7666.	5.8	1
6	Development of chitosan/glycerophosphate/collagen thermo-sensitive hydrogel for endoscopic treatment of mucosectomy-induced ulcer. <i>Materials Science and Engineering C</i> , 2019, 103, 109870.	7.3	28
7	Evaluating platelet activation related to the degradation of biomaterials using molecular markers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110516.	5.0	3
8	Hydroxypropylcellulose enhanced high viscosity endoscopic mucosal dissection intraoperative chitosan thermosensitive hydrogel. <i>Carbohydrate Polymers</i> , 2019, 209, 198-206.	10.2	29
9	Fabrication and characterization of collagen-based injectable and self-crosslinkable hydrogels for cell encapsulation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 167, 448-456.	5.0	55
10	Icariin conjugated hyaluronic acid/collagen hydrogel for osteochondral interface restoration. <i>Acta Biomaterialia</i> , 2018, 74, 156-167.	8.3	75
11	Regulation of the secretion of immunoregulatory factors of mesenchymal stem cells (MSCs) by collagen-based scaffolds during chondrogenesis. <i>Materials Science and Engineering C</i> , 2017, 70, 983-991.	7.3	44
12	In vivo immunological properties research on mesenchymal stem cells based engineering cartilage by a dialyzer pocket model. <i>Journal of Materials Science: Materials in Medicine</i> , 2017, 28, 150.	3.6	4
13	A novel biomimetic composite substitute of PLLA/gelatin nanofiber membrane for dura repairing. <i>Neurological Research</i> , 2017, 39, 819-829.	1.3	24
14	A New Absorbable Synthetic Substitute With Biomimetic Design for Dural Tissue Repair. <i>Artificial Organs</i> , 2016, 40, 403-413.	1.9	23
15	Adiponectin ameliorates the apoptotic effects of paraquat on alveolar type II cells via improvements in mitochondrial function. <i>Molecular Medicine Reports</i> , 2016, 14, 746-752.	2.4	14
16	Influences of the steam sterilization on the properties of calcium phosphate porous bioceramics. <i>Journal of Materials Science: Materials in Medicine</i> , 2016, 27, 5.	3.6	20
17	Conjugated icariin promotes tissue-engineered cartilage formation in hyaluronic acid/collagen hydrogel. <i>Process Biochemistry</i> , 2015, 50, 2242-2250.	3.7	17
18	Collagen hydrogel as an immunomodulatory scaffold in cartilage tissue engineering. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 337-344.	3.4	117

#	ARTICLE	IF	CITATIONS
19	Controlled degradation of polylactic acid grafting ϵ -vinyl pyrrolidone induced by gamma ray radiation. <i>Journal of Applied Polymer Science</i> , 2013, 130, 704-709.	2.6	17
20	Hydrogels of collagen/chondroitin sulfate/hyaluronan interpenetrating polymer network for cartilage tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 2267-2279.	3.6	107
21	Electrospun in-situ hybrid polyurethane/nano-TiO ₂ as wound dressings. <i>Fibers and Polymers</i> , 2011, 12, 207-213.	2.1	51
22	Modulation of immunological properties of allogeneic mesenchymal stem cells by collagen scaffolds in cartilage tissue engineering. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 98A, 332-341.	4.0	47
23	Asymmetric polyurethane membrane with <i>in situ</i> generated nano-TiO ₂ as wound dressing. <i>Journal of Applied Polymer Science</i> , 2011, 119, 1532-1541.	2.6	76
24	The effect of stress and tissue fluid microenvironment on allogeneic chondrocytes <i>in vivo</i> and the immunological properties of engineered cartilage. <i>Biomaterials</i> , 2011, 32, 6017-6024.	11.4	16
25	Chondrogenic differentiation and immunological properties of mesenchymal stem cells in collagen type I hydrogel. <i>Biotechnology Progress</i> , 2010, 26, 1749-1758.	2.6	21