

Bo Han

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7878973/publications.pdf>

Version: 2024-02-01

48
papers

1,854
citations

279487

23
h-index

264894

42
g-index

49
all docs

49
docs citations

49
times ranked

2860
citing authors

#	ARTICLE	IF	CITATIONS
1	Proanthocyanidin: A natural crosslinking reagent for stabilizing collagen matrices. <i>Journal of Biomedical Materials Research Part B</i> , 2003, 65A, 118-124.	3.0	309
2	Chitosan/gelatin-based films crosslinked by proanthocyanidin. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2005, 75B, 442-450.	1.6	146
3	The Effect of Thrombin Activation of Platelet-Rich Plasma on Demineralized Bone Matrix Osteoinductivity. <i>Journal of Bone and Joint Surgery - Series A</i> , 2009, 91, 1459-1470.	1.4	126
4	Intra-articular Mesenchymal Stem Cell Therapy for the Human Joint: A Systematic Review. <i>American Journal of Sports Medicine</i> , 2018, 46, 3550-3563.	1.9	111
5	The synergetic effect of hydrogel stiffness and growth factor on osteogenic differentiation. <i>Biomaterials</i> , 2014, 35, 5294-5306.	5.7	98
6	Quantitative and sensitive in vitro assay for osteoinductive activity of demineralized bone matrix. <i>Journal of Orthopaedic Research</i> , 2003, 21, 648-654.	1.2	93
7	Possible application of high-dose vitamin C in the prevention and therapy of coronavirus infection. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 23, 256-262.	0.9	67
8	Cell Delivery Using an Injectable and Adhesive Transglutaminase- α -Gelatin Gel. <i>Tissue Engineering - Part C: Methods</i> , 2010, 16, 609-618.	1.1	57
9	Collagen Content Is Significantly Lower in Restenotic Versus Nonrestenotic Vessels After Balloon Angioplasty in the Atherosclerotic Rabbit Model. <i>Circulation</i> , 1997, 95, 1293-1300.	1.6	57
10	Delivery of demineralized bone matrix powder using a thermogelling chitosan carrier. <i>Acta Biomaterialia</i> , 2012, 8, 753-762.	4.1	43
11	Collagen-targeted BMP3 fusion proteins arrayed on collagen matrices or porous ceramics impregnated with Type I collagen enhance osteogenesis in a rat cranial defect model. <i>Journal of Orthopaedic Research</i> , 2002, 20, 747-755.	1.2	42
12	Factors which affect the calcification of tissue-derived bioprotheses. , 1997, 35, 531-537.		41
13	Capture and Expansion of Bone Marrow-Derived Mesenchymal Progenitor Cells with a Transforming Growth Factor- β 1 α -von Willebrand's Factor Fusion Protein for Retrovirus-Mediated Delivery of Coagulation Factor IX. <i>Human Gene Therapy</i> , 1997, 8, 1385-1394.	1.4	40
14	A randomized, controlled study to evaluate the efficacy of intra-articular, autologous adipose tissue injections for the treatment of mild-to-moderate knee osteoarthritis compared to hyaluronic acid: a study protocol. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 383.	0.8	40
15	Effects of moisture and temperature on the osteoinductivity of demineralized bone matrix. <i>Journal of Orthopaedic Research</i> , 2005, 23, 855-861.	1.2	38
16	From competency to dormancy: a 3D model to study cancer cells and drug responsiveness. <i>Journal of Translational Medicine</i> , 2016, 14, 38.	1.8	38
17	Zinc as a possible preventive and therapeutic agent in pancreatic, prostate, and breast cancer. <i>European Journal of Cancer Prevention</i> , 2016, 25, 457-461.	0.6	37
18	Effects of gamma irradiation on osteoinduction associated with demineralized bone matrix. <i>Journal of Orthopaedic Research</i> , 2008, 26, 75-82.	1.2	32

#	ARTICLE	IF	CITATIONS
19	Tumor Bioengineering Using a Transglutaminase Crosslinked Hydrogel. PLoS ONE, 2014, 9, e105616.	1.1	32
20	Pancreatic Cancer Related Health Disparities: A Commentary. Cancers, 2018, 10, 235.	1.7	30
21	Refolding of a Recombinant Collagen-Targeted TGF- β 2 Fusion Protein Expressed in Escherichia coli. Protein Expression and Purification, 1997, 11, 169-178.	0.6	28
22	Phenotypic Differentiation of TGF- β 1-Responsive Pluripotent Pre-mesenchymal Prehematopoietic Progenitor (P4 Stem) Cells from Murine Bone Marrow. Journal of Hematotherapy and Stem Cell Research, 2001, 10, 261-271.	1.8	27
23	Combined Effects of Phosphatidylcholine and Demineralized Bone Matrix on Bone Induction. Connective Tissue Research, 2003, 44, 160-166.	1.1	27
24	Preparation and characterization of galactosylated alginate-chitosan oligomer microcapsule for hepatocytes microencapsulation. Carbohydrate Polymers, 2014, 112, 502-511.	5.1	27
25	Opinions on the current pandemic of COVID-19: Use functional food to boost our immune functions. Journal of Infection and Public Health, 2020, 13, 1811-1817.	1.9	27
26	Repair of Rotator Cuff Tendon Defects in Aged Rats Using a Growth Factor Injectable Gel Scaffold. Arthroscopy - Journal of Arthroscopic and Related Surgery, 2020, 36, 629-637.	1.3	26
27	A possible application of hinokitiol as a natural zinc ionophore and anti-infective agent for the prevention and treatment of COVID-19 and viral infections. Medical Hypotheses, 2020, 145, 110333.	0.8	25
28	Zinc sulfide nanoparticles improve skin regeneration. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 29, 102263.	1.7	24
29	Enzymatic Crosslinking and Degradation of Gelatin as a Switch for Bone Morphogenetic Protein-2 Activity. Tissue Engineering - Part A, 2011, 17, 2955-2964.	1.6	21
30	Injectable gel graft for bone defect repair. Regenerative Medicine, 2014, 9, 41-51.	0.8	18
31	Switch of macrophage fusion competency by 3D matrices. Scientific Reports, 2020, 10, 10348.	1.6	17
32	Cultures of Ligament Fibroblasts in Fibrin Matrix Gel. Connective Tissue Research, 2003, 44, 81-87.	1.1	16
33	Transdermal Delivery of Amino Acids and Antioxidants Enhance Collagen Synthesis: In Vivo and In Vitro Studies. Connective Tissue Research, 2005, 46, 251-257.	1.1	14
34	Zinc Iodide in combination with Dimethyl Sulfoxide for treatment of SARS-CoV-2 and other viral infections. Medical Hypotheses, 2020, 143, 109866.	0.8	14
35	Zinc salicylate reduces airway smooth muscle cells remodelling by blocking mTOR and activating p21(Waf1/Cip1). Journal of Nutritional Biochemistry, 2021, 89, 108563.	1.9	10
36	Combined Effects of Phosphatidylcholine and Demineralized Bone Matrix on Bone Induction. Connective Tissue Research, 2003, 44, 160-166.	1.1	10

#	ARTICLE	IF	CITATIONS
37	Hyoepiglottic ligament collagen and elastin fiber composition and changes associated with aging. <i>Laryngoscope</i> , 2018, 128, 1245-1248.	1.1	9
38	Nattospes as Effective and Safe Functional Supplements in Management of Stroke. <i>Journal of Medicinal Food</i> , 2020, 23, 879-885.	0.8	7
39	Cultures of Ligament Fibroblasts in Fibrin Matrix Gel. <i>Connective Tissue Research</i> , 2003, 44, 81-87.	1.1	6
40	The Effects of Heparin Binding Proteins in Platelet Releasate on Bone Formation. <i>Tissue Engineering - Part A</i> , 2014, 20, 1263-1270.	1.6	4
41	Parylene scaffold for cartilage lesion. <i>Biomedical Microdevices</i> , 2017, 19, 26.	1.4	4
42	Influence of Cellular Microenvironment on Human Articular Chondrocyte Cell Signaling. <i>Cartilage</i> , 2021, 13, 935S-946S.	1.4	4
43	Collagen and collagen-glycosaminoglycan matrices as carriers for growth factors. <i>Journal of Chemical Sciences</i> , 1999, 111, 283-289.	0.7	4
44	Effects of Trang Phuc Linh Plus-Food Supplement on Irritable Bowel Syndrome Induced by Mustard Oil. <i>Journal of Medicinal Food</i> , 2017, 20, 385-391.	0.8	3
45	PEGylated Coating Affects DBM Osteoinductivity <i><i>In Vivo</i></i> by Changing Inflammatory Responses. <i>ACS Applied Bio Materials</i> , 2020, 3, 8722-8730.	2.3	2
46	Screening miRNA for Functional Significance by 3D Cell Culture System. <i>Methods in Molecular Biology</i> , 2018, 1733, 193-201.	0.4	1
47	Successful Phytotherapy for a Patient with Severe Immune Thrombocytopenia and failed with Corticosteroids, Azathioprine, Eltrombopag, and Platelet Transfusion "A Case Report. <i>Explore: the Journal of Science and Healing</i> , 2022, , .	0.4	1
48	Abstract 3736: SETD2 aberrancy enhanced the synergetic anti-tumor effects of DNA hypomethylating agents and PARP inhibitors in aggressive clear cell renal cell carcinoma. <i>Cancer Research</i> , 2022, 82, 3736-3736.	0.4	0