

Shiplu Roy Chowdhury

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,312
citations

377584

21
h-index

425179

34
g-index

50
all docs

50
docs citations

50
times ranked

2027
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of three different skin substitutes in promoting wound healing in an ovine model. <i>Burns</i> , 2022, 48, 1198-1208.	1.1	4
2	Hybrid Collagen Hydrogel/Chondroitin-4-Sulphate Fortified with Dermal Fibroblast Conditioned Medium for Skin Therapeutic Application. <i>Polymers</i> , 2021, 13, 508.	2.0	8
3	Physicochemical Properties and Biocompatibility of Electrospun Polycaprolactone/Gelatin Nanofibers. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4764.	1.2	20
4	Type II Collagen-Conjugated Mesenchymal Stem Cells Micromass for Articular Tissue Targeting. <i>Biomedicines</i> , 2021, 9, 880.	1.4	3
5	Fibroblast-derived matrices-based human skin equivalent as an in vitro psoriatic model for drug testing. <i>Journal of Biosciences</i> , 2021, 46, 1.	0.5	3
6	Large-Scale Expansion of Human Mesenchymal Stem Cells. <i>Stem Cells International</i> , 2020, 2020, 1-17.	1.2	50
7	Effect of Kelulut Honey on the Cellular Dynamics of TGF β ² -Induced Epithelial to Mesenchymal Transition in Primary Human Keratinocytes. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3229.	1.2	10
8	3D Culture of MSCs on a Gelatin Microsphere in a Dynamic Culture System Enhances Chondrogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2688.	1.8	24
9	Concentration Dependent Effect of Human Dermal Fibroblast Conditioned Medium (DFCM) from Three Various Origins on Keratinocytes Wound Healing. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2929.	1.8	8
10	Current Progress in Tendon and Ligament Tissue Engineering. <i>Tissue Engineering and Regenerative Medicine</i> , 2019, 16, 549-571.	1.6	135
11	Rapid treatment of full-thickness skin loss using ovine tendon collagen type I scaffold with skin cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 874-891.	1.3	37
12	Safety and efficacy of dermal fibroblast conditioned medium (DFCM) fortified collagen hydrogel as acellular 3D skin patch. <i>Drug Delivery and Translational Research</i> , 2019, 9, 144-161.	3.0	15
13	Exploring The Potential of Dermal Fibroblast Conditioned Medium on Skin Wound Healing and Anti-Ageing. <i>Sains Malaysiana</i> , 2019, 48, 637-644.	0.3	4
14	Effect of cell density on formation of three-dimensional cartilaginous constructs using fibrin & human osteoarthritic chondrocytes. <i>Indian Journal of Medical Research</i> , 2019, 149, 641.	0.4	6
15	Human Amniotic Membrane with Aligned Electrospun Fiber as Scaffold for Aligned Tissue Regeneration. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 368-378.	1.1	30
16	Development of various composition multicomponent chitosan/fish collagen/glycerin 3D porous scaffolds: Effect on morphology, mechanical strength, biostability and cytocompatibility. <i>International Journal of Biological Macromolecules</i> , 2018, 111, 158-168.	3.6	32
17	Influence of chondroitin 4-sulphate on properties and cell behaviour of collagen hydrogel. <i>International Journal of Nano and Biomaterials</i> , 2018, 7, 242.	0.1	1
18	Collagen Type I: A Versatile Biomaterial. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1077, 389-414.	0.8	52

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19	Proteomic Analysis of Human Dermal Fibroblast Conditioned Medium (DFCM). <i>Protein Journal</i> , 2018, 37, 589-607.	0.7	22
20	Low dose stingless bee honey increases viability of human dermal fibroblasts that could potentially promote wound healing. <i>Wound Medicine</i> , 2018, 23, 22-27.	2.7	18
21	Physicochemical properties of stingless bee honey from around the globe: A comprehensive review. <i>Journal of Food Composition and Analysis</i> , 2018, 73, 91-102.	1.9	98
22	Development of an In Vitro Cardiac Ischemic Model Using Primary Human Cardiomyocytes. <i>Cardiovascular Engineering and Technology</i> , 2018, 9, 529-538.	0.7	17
23	Physicochemical and Structural Characterization of Surface Modified Electrospun PMMA Nanofibre. <i>Sains Malaysiana</i> , 2018, 47, 1787-1794.	0.3	11
24	Epithelial to Mesenchymal Transition and Reepithelialisation in Wound Healing: A review of Comparison. <i>Sains Malaysiana</i> , 2018, 47, 2463-2471.	0.3	2
25	Effects of PLGA Nanofibre on Osteoarthritic Chondrocytes. <i>Sains Malaysiana</i> , 2018, 47, 2325-2336.	0.3	1
26	Platelet-rich plasma with keratinocytes and fibroblasts enhance healing of full-thickness wounds. <i>Journal of Tissue Viability</i> , 2017, 26, 208-215.	0.9	39
27	Role of plasma-derived fibrin on keratinocyte and fibroblast wound healing. <i>Cell and Tissue Banking</i> , 2017, 18, 585-595.	0.5	14
28	In vitro and In vivo wound healing studies of methanolic fraction of <i>Centella asiatica</i> extract. <i>South African Journal of Botany</i> , 2017, 108, 163-174.	1.2	61
29	Laminin-Coated Poly(Methyl Methacrylate) (PMMA) Nanofiber Scaffold Facilitates the Enrichment of Skeletal Muscle Myoblast Population. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2242.	1.8	29
30	Micro-Computed Tomography Detection of Gold Nanoparticle-Labelled Mesenchymal Stem Cells in the Rat Subretinal Layer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 345.	1.8	24
31	Attachment, Proliferation, and Morphological Properties of Human Dermal Fibroblasts on Ovine Tendon Collagen Scaffolds: A Comparative Study. <i>The Malaysian Journal of Medical Sciences</i> , 2017, 24, 33-43.	0.3	11
32	Attachment, Proliferation, and Morphological Properties of Human Dermal Fibroblasts on Ovine Tendon Collagen Scaffolds: A Comparative Study. <i>The Malaysian Journal of Medical Sciences</i> , 2017, 24, 33-43.	0.3	23
33	Tissue-Engineered Skin Substitute Enhances Wound Healing after Radiation Therapy. <i>Advances in Skin and Wound Care</i> , 2016, 29, 120-129.	0.5	20
34	Ovine tendon collagen: Extraction, characterisation and fabrication of thin films for tissue engineering applications. <i>Materials Science and Engineering C</i> , 2016, 68, 163-171.	3.8	83
35	Cardiomyogenic differentiation of human sternal bone marrow mesenchymal stem cells using a combination of basic fibroblast growth factor and hydrocortisone. <i>Cell Biology International</i> , 2016, 40, 55-64.	1.4	21
36	Secretion of wound healing mediators by single and bi-layer skin substitutes. <i>Cytotechnology</i> , 2016, 68, 1873-1884.	0.7	25

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37	Safety and Efficacy of Human Wharton's Jelly-Derived Mesenchymal Stem Cells Therapy for Retinal Degeneration. PLoS ONE, 2015, 10, e0128973.	1.1	62
38	One-Step Purification of Human Skeletal Muscle Myoblasts and Subsequent Expansion Using Laminin-Coated Surface. Tissue Engineering - Part C: Methods, 2015, 21, 1135-1142.	1.1	9
39	Surface modification of electrospun poly(methyl methacrylate) (PMMA) nanofibers for the development of <i>in vitro</i> respiratory epithelium model. Journal of Biomaterials Science, Polymer Edition, 2015, 26, 1297-1311.	1.9	22
40	Concentration-dependent effect of platelet-rich plasma on keratinocyte and fibroblast wound healing. Cytotherapy, 2015, 17, 293-300.	0.3	73
41	Cytotoxic evaluation of biomechanically improved crosslinked ovine collagen on human dermal fibroblasts. Bio-Medical Materials and Engineering, 2014, 24, 1715-1724.	0.4	36
42	The effects of human serum to the morphology, proliferation and gene expression level of the respiratory epithelium <i>in vitro</i> . Tissue and Cell, 2014, 46, 233-240.	1.0	7
43	Effective Cell Seeding and Three-Dimensional Cell Culture for Bone Tissue Engineering. Journal of Biomaterials and Tissue Engineering, 2014, 4, 573-578.	0.0	4
44	Identification of suitable culture condition for expansion and osteogenic differentiation of human bone marrow stem cells. Human Cell, 2012, 25, 69-77.	1.2	5
45	Aqueous extract of <i>Centella asiatica</i> promotes corneal epithelium wound healing <i>in vitro</i> . Journal of Ethnopharmacology, 2012, 140, 333-338.	2.0	55
46	Genotoxicity and cytotoxicity of ovine collagen on human dermal fibroblasts. Journal of King Abdulaziz University, Islamic Economics, 2011, 32, 1311-2.	0.5	9
47	Growth and differentiation potentials in confluent state of culture of human skeletal muscle myoblasts. Journal of Bioscience and Bioengineering, 2010, 109, 310-313.	1.1	21
48	Automating the Expansion Process of Human Skeletal Muscle Myoblasts with Suppression of Myotube Formation. Tissue Engineering - Part C: Methods, 2009, 15, 717-728.	1.1	35
49	Synergic stimulation of laminin and epidermal growth factor facilitates the myoblast growth through promoting migration. Journal of Bioscience and Bioengineering, 2009, 108, 174-177.	1.1	13