Lynn L H Huang

List of Publications by Year
in descending order

53 papers	2,013 citations	361045 20 h-index	315357 38 g-index
54 all docs	54 docs citations	54 times ranked	2843 citing authors

#	Article	IF	Citations
1	Skin wound healing assessment via an optimized wound array model in miniature pigs. Scientific Reports, 2022, 12, 445.	1.6	7
2	Perichondrial progenitor cells promote proliferation and chondrogenesis of mature chondrocytes. International Journal of Energy Production and Management, 2022, 9, .	1.9	2
3	Herbal Extract from Codonopsis pilosula (Franch.) Nannf. Enhances Cardiogenic Differentiation and Improves the Function of Infarcted Rat Hearts. Life, 2021, 11, 422.	1.1	7
4	Hyaluronan Induces a Mitochondrial Functional Switch in Fast-Proliferating Human Mesenchymal Stem. International Journal of Stem Cells, 2020, 13, 151-162.	0.8	6
5	Stem cells as a potential therapy for diabetes mellitus: a call-to-action in Latin America. Diabetology and Metabolic Syndrome, 2019, 11, 20.	1.2	25
6	Medical Applications of Collagen and Hyaluronan in Regenerative Medicine. Advances in Experimental Medicine and Biology, 2018, 1077, 285-306.	0.8	7
7	First molecular identification of Vorticella sp. from freshwater shrimps in Tainan, Taiwan. International Journal for Parasitology: Parasites and Wildlife, 2018, 7, 415-422.	0.6	6
8	Pathogenic Acanthamoeba castellanii Secretes the Extracellular Aminopeptidase M20/M25/M40 Family Protein to Target Cells for Phagocytosis by Disruption. Molecules, 2017, 22, 2263.	1.7	16
9	Hyaluronan keeps mesenchymal stem cells quiescent and maintains the differentiation potential over time. Aging Cell, 2017, 16, 451-460.	3.0	36
10	Phenotypic Analysis of Human Placenta-Derived Mesenchymal Stem Cells. Journal of Biomaterials and Tissue Engineering, 2017, 7, 188-202.	0.0	0
11	Differential Proteomic Analysis of Human Placenta-Derived Mesenchymal Stem Cells Cultured on Normal Tissue Culture Surface and Hyaluronan-Coated Surface. Stem Cells International, 2016, 2016, 1-16.	1.2	6
12	Simple approach to three-color two-photon microscopy by a fiber-optic wavelength convertor. Biomedical Optics Express, 2016, 7, 4803.	1.5	21
13	Rapid Fabrication of a Cell-Seeded Collagen Gel-Based Tubular Construct that Withstands Arterial Pressure. Annals of Biomedical Engineering, 2016, 44, 3384-3397.	1.3	7
14	Toward reliable retrieval of functional information of papillary dermis using spatially resolved diffuse reflectance spectroscopy. Biomedical Optics Express, 2016, 7, 542.	1.5	6
15	Hyaluronan Upregulates Mitochondrial Biogenesis and Reduces Adenoside Triphosphate Production for Efficient Mitochondrial Function in Slow-Proliferating Human Mesenchymal Stem Cells. Stem Cells, 2016, 34, 2512-2524.	1.4	14
16	The mitochondrial DNA markers for distinguishing Phalaenopsis species and revealing maternal phylogeny. Biologia Plantarum, 2016, 60, 68-78.	1.9	8
17	Evaluation of cellular retinoic acid binding protein 2 gene expression through the retinoic acid pathway by co-incubation of Blastocystis ST-1 with HT29 cells in vitro. Parasitology Research, 2016, 115, 1965-1975.	0.6	2
18	Uremic Retention Solute Indoxyl Sulfate Level Is Associated with Prolonged QTc Interval in Early CKD Patients. PLoS ONE, 2015, 10, e0119545.	1.1	34

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19	Leptin of dermal adipose tissue is differentially expressed during the hair cycle and contributes to adipocyte-mediated growth inhibition of anagen-phase vibrissa hair. Experimental Dermatology, 2015, 24, 57-60.	1.4	29
20	Non-invasive evaluation of therapeutic response in keloid scar using diffuse reflectance spectroscopy. Biomedical Optics Express, 2015, 6, 390.	1.5	36
21	Lanyu Minipig is a Better Model System for Studying Wound Healing. Journal of Biomaterials and Tissue Engineering, 2015, 5, 886-894.	0.0	3
22	Full-Length Recombinant Human SCF1-165 Is More Thermostable than the Truncated SCF1-141 Form. PLoS ONE, 2014, 9, e103251.	1.1	3
23	Counting CD4+ and CD8+ T cells in the spleen: a novel in vivo method for assessing biomaterial immunotoxicity. International Journal of Energy Production and Management, 2014, 1, 11-16.	1.9	7
24	The blue fluorescent protein from Vibrio vulnificus CKM-1 is a useful reporter for plant research. , 2014, 55, 79.		7
25	Serum total p-cresylsulfate level is associated with abnormal QTc interval in stable angina patients with early stage of renal failure. Clinica Chimica Acta, 2014, 437, 25-30.	0.5	12
26	Shrinking mechanism of a porous collagen matrix immersed in solution. Journal of Biomedical Materials Research - Part A, 2014, 102, n/a-n/a.	2.1	1
27	Transplantation of porcine embryonic stem cells and their derived neuronal progenitors in a spinal cord injury rat model. Cytotherapy, 2013, 15, 201-208.	0.3	29
28	Hyaluronan Regulates Cell Behavior: A Potential Niche Matrix for Stem Cells. Biochemistry Research International, 2012, 2012, 1-11.	1.5	165
29	A nanobead based sandwich immunoassay. Journal of the Taiwan Institute of Chemical Engineers, 2012, 43, 9-14.	2.7	4
30	Fabrication of gold nanorods-doped, bovine serum albumin microstructures via multiphoton excited photochemistry. Optics Express, 2011, 19, 6260.	1.7	18
31	Enhanced two-photon excited fluorescence in three-dimensionally crosslinked bovine serum albumin microstructures. Optics Express, 2011, 19, 11732.	1.7	24
32	Directed Differentiation into Neural Lineages and Therapeutic Potential of Porcine Embryonic Stem Cells in Rat Parkinson's Disease Model. Cellular Reprogramming, 2010, 12, 447-461.	0.5	32
33	Multiphoton fabrication of freeform polymer microstructures with gold nanorods. Optics Express, 2010, 18, 27550.	1.7	45
34	Hyaluronan substratum induces multidrug resistance in human mesenchymal stem cells via CD44 signaling. Cell and Tissue Research, 2009, 336, 465-475.	1.5	41
35	Hyaluronan substratum holds mesenchymal stem cells in slow-cycling mode by prolonging G1 phase. Cell and Tissue Research, 2008, 334, 435-443.	1.5	26
36	Hyaluronan preserves the proliferation and differentiation potentials of long-term cultured murine adipose-derived stromal cells. Biochemical and Biophysical Research Communications, 2007, 360, 1-6.	1.0	53

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37	Preparation and cell compatibility evaluation of chitosan/collagen composite scaffolds using amino acids as crosslinking bridges. Journal of Applied Polymer Science, 2007, 105, 1774-1785.	1.3	59
38	Multiple-channel emulsion chips utilizing pneumatic choppers for biotechnology applications. Biomedical Microdevices, 2007, 9, 833-843.	1.4	11
39	Caspase-8 acts as a key upstream executor of mitochondria during justicidin A-induced apoptosis in human hepatoma cells. FEBS Letters, 2006, 580, 3185-3191.	1.3	33
40	Differential expression of delta-like gene and protein in neuroblastoma, ganglioneuroblastoma and ganglioneuroma. Modern Pathology, 2005, 18, 656-662.	2.9	23
41	The human Delta-like 1 homologue is implicated in the progression of liver fibrosis in biliary atresia. Journal of Pathology, 2004, 202, 172-179.	2.1	23
42	Baicalein, a Novel Apoptotic Agent for Hepatoma Cell Lines:A Potential Medicine for Hepatoma. Nutrition and Cancer, 2000, 38, 287-295.	0.9	49
43	Gelatin-derived bioadhesives for closing skin wounds: An in vivo study. Journal of Biomaterials Science, Polymer Edition, 1999, 10, 751-771.	1.9	73
44	In vitro evaluation of cytotoxicity of a naturally occurring cross-linking reagent for biological tissue fixation. Journal of Biomaterials Science, Polymer Edition, 1999, 10, 63-78.	1.9	423
45	Comparison of epoxides on grafting collagen to polyurethane and their effects on cellular growth. , 1998, 39, 630-636.		27
46	Feasibility study of a natural crosslinking reagent for biological tissue fixation. , 1998, 42, 560-567.		283
47	Biocompatibility study of a biological tissue fixed with a naturally occurring crosslinking reagent. , 1998, 42, 568-576.		165
48	Comparison of epoxides on grafting collagen to polyurethane and their effects on cellular growth. , 1998, 39, 630.		2
49	Feasibility study of a natural crosslinking reagent for biological tissue fixation. , 1998, 42, 560.		1
50	Effect of CO2 laser on healing of cultured meniscus. , 1997, 20, 172-178.		12
51	Effect of forms of collagen linked to polyurethane on endothelial cell growth. , 1996, 32, 645-653.		25
52	Effects of hyaluronan on collagen fibrillar matrix contraction by fibroblasts. Journal of Biomedical Materials Research Part B, 1994, 28, 123-132.	3.0	41
53	Crosslinked CNBr-activated hyaluronan-collagen matrices: Effects on fibroblast contraction. Matrix Biology, 1994, 14, 147-157.	1.5	18