

# Lynn L H Huang

## List of Publications by Year in descending order

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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	In vitro evaluation of cytotoxicity of a naturally occurring cross-linking reagent for biological tissue fixation. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1999, 10, 63-78.	1.9	423
2	Feasibility study of a natural crosslinking reagent for biological tissue fixation. , 1998, 42, 560-567.		283
3	Biocompatibility study of a biological tissue fixed with a naturally occurring crosslinking reagent. , 1998, 42, 568-576.		165
4	Hyaluronan Regulates Cell Behavior: A Potential Niche Matrix for Stem Cells. <i>Biochemistry Research International</i> , 2012, 2012, 1-11.	1.5	165
5	Gelatin-derived bioadhesives for closing skin wounds: An in vivo study. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1999, 10, 751-771.	1.9	73
6	Preparation and cell compatibility evaluation of chitosan/collagen composite scaffolds using amino acids as crosslinking bridges. <i>Journal of Applied Polymer Science</i> , 2007, 105, 1774-1785.	1.3	59
7	Hyaluronan preserves the proliferation and differentiation potentials of long-term cultured murine adipose-derived stromal cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 1-6.	1.0	53
8	Baicalein, a Novel Apoptotic Agent for Hepatoma Cell Lines:A Potential Medicine for Hepatoma. <i>Nutrition and Cancer</i> , 2000, 38, 287-295.	0.9	49
9	Multiphoton fabrication of freeform polymer microstructures with gold nanorods. <i>Optics Express</i> , 2010, 18, 27550.	1.7	45
10	Effects of hyaluronan on collagen fibrillar matrix contraction by fibroblasts. <i>Journal of Biomedical Materials Research Part B</i> , 1994, 28, 123-132.	3.0	41
11	Hyaluronan substratum induces multidrug resistance in human mesenchymal stem cells via CD44 signaling. <i>Cell and Tissue Research</i> , 2009, 336, 465-475.	1.5	41
12	Non-invasive evaluation of therapeutic response in keloid scar using diffuse reflectance spectroscopy. <i>Biomedical Optics Express</i> , 2015, 6, 390.	1.5	36
13	Hyaluronan keeps mesenchymal stem cells quiescent and maintains the differentiation potential over time. <i>Aging Cell</i> , 2017, 16, 451-460.	3.0	36
14	Uremic Retention Solute Indoxyl Sulfate Level Is Associated with Prolonged QTc Interval in Early CKD Patients. <i>PLoS ONE</i> , 2015, 10, e0119545.	1.1	34
15	Caspase-8 acts as a key upstream executor of mitochondria during justicidin A-induced apoptosis in human hepatoma cells. <i>FEBS Letters</i> , 2006, 580, 3185-3191.	1.3	33
16	Directed Differentiation into Neural Lineages and Therapeutic Potential of Porcine Embryonic Stem Cells in Rat Parkinson's Disease Model. <i>Cellular Reprogramming</i> , 2010, 12, 447-461.	0.5	32
17	Transplantation of porcine embryonic stem cells and their derived neuronal progenitors in a spinal cord injury rat model. <i>Cytherapy</i> , 2013, 15, 201-208.	0.3	29
18	Leptin of dermal adipose tissue is differentially expressed during the hair cycle and contributes to adipocyte-mediated growth inhibition of anagen-phase vibrissa hair. <i>Experimental Dermatology</i> , 2015, 24, 57-60.	1.4	29

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19	Comparison of epoxides on grafting collagen to polyurethane and their effects on cellular growth. , 1998, 39, 630-636.		27
20	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
21	Effect of forms of collagen linked to polyurethane on endothelial cell growth. , 1996, 32, 645-653.		25
22	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
23	Enhanced two-photon excited fluorescence in three-dimensionally crosslinked bovine serum albumin microstructures. Optics Express, 2011, 19, 11732.	1.7	24
24	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
25	Differential expression of delta-like gene and protein in neuroblastoma, ganglioneuroblastoma and ganglioneuroma. Modern Pathology, 2005, 18, 656-662.	2.9	23
26	Simple approach to three-color two-photon microscopy by a fiber-optic wavelength convertor. Biomedical Optics Express, 2016, 7, 4803.	1.5	21
27	Crosslinked CNBr-activated hyaluronan-collagen matrices: Effects on fibroblast contraction. Matrix Biology, 1994, 14, 147-157.	1.5	18
28	Fabrication of gold nanorods-doped, bovine serum albumin microstructures via multiphoton excited photochemistry. Optics Express, 2011, 19, 6260.	1.7	18
29	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
30	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
31	Effect of CO2 laser on healing of cultured meniscus. , 1997, 20, 172-178.		12
32	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
33	Multiple-channel emulsion chips utilizing pneumatic choppers for biotechnology applications. Biomedical Microdevices, 2007, 9, 833-843.	1.4	11
34	The mitochondrial DNA markers for distinguishing Phalaenopsis species and revealing maternal phylogeny. Biologia Plantarum, 2016, 60, 68-78.	1.9	8
35	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
36	The blue fluorescent protein from Vibrio vulnificus CKM-1 is a useful reporter for plant research. , 2014, 55, 79.		7

#	ARTICLE	IF	CITATIONS
37	Rapid Fabrication of a Cell-Seeded Collagen Gel-Based Tubular Construct that Withstands Arterial Pressure. <i>Annals of Biomedical Engineering</i> , 2016, 44, 3384-3397.	1.3	7
38	Medical Applications of Collagen and Hyaluronan in Regenerative Medicine. <i>Advances in Experimental Medicine and Biology</i> , 2018, 1077, 285-306.	0.8	7
39	Herbal Extract from <i>Codonopsis pilosula</i> (Franch.) Nannf. Enhances Cardiogenic Differentiation and Improves the Function of Infarcted Rat Hearts. <i>Life</i> , 2021, 11, 422.	1.1	7
40	Skin wound healing assessment via an optimized wound array model in miniature pigs. <i>Scientific Reports</i> , 2022, 12, 445.	1.6	7
41	Differential Proteomic Analysis of Human Placenta-Derived Mesenchymal Stem Cells Cultured on Normal Tissue Culture Surface and Hyaluronan-Coated Surface. <i>Stem Cells International</i> , 2016, 2016, 1-16.	1.2	6
42	Toward reliable retrieval of functional information of papillary dermis using spatially resolved diffuse reflectance spectroscopy. <i>Biomedical Optics Express</i> , 2016, 7, 542.	1.5	6
43	First molecular identification of <i>Vorticella</i> sp. from freshwater shrimps in Tainan, Taiwan. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2018, 7, 415-422.	0.6	6
44	Hyaluronan Induces a Mitochondrial Functional Switch in Fast-Proliferating Human Mesenchymal Stem. <i>International Journal of Stem Cells</i> , 2020, 13, 151-162.	0.8	6
45	A nanobead based sandwich immunoassay. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2012, 43, 9-14.	2.7	4
46	Full-Length Recombinant Human SCF1-165 Is More Thermostable than the Truncated SCF1-141 Form. <i>PLoS ONE</i> , 2014, 9, e103251.	1.1	3
47	Lanyu Minipig is a Better Model System for Studying Wound Healing. <i>Journal of Biomaterials and Tissue Engineering</i> , 2015, 5, 886-894.	0.0	3
48	Evaluation of cellular retinoic acid binding protein 2 gene expression through the retinoic acid pathway by co-incubation of <i>Blastocystis</i> ST-1 with HT29 cells in vitro. <i>Parasitology Research</i> , 2016, 115, 1965-1975.	0.6	2
49	Comparison of epoxides on grafting collagen to polyurethane and their effects on cellular growth. , 1998, 39, 630.		2
50	Perichondrial progenitor cells promote proliferation and chondrogenesis of mature chondrocytes. <i>International Journal of Energy Production and Management</i> , 2022, 9, .	1.9	2
51	Shrinking mechanism of a porous collagen matrix immersed in solution. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, n/a-n/a.	2.1	1
52	Feasibility study of a natural crosslinking reagent for biological tissue fixation. , 1998, 42, 560.		1
53	Phenotypic Analysis of Human Placenta-Derived Mesenchymal Stem Cells. <i>Journal of Biomaterials and Tissue Engineering</i> , 2017, 7, 188-202.	0.0	0