

Hai-Chang Li

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,885
citations

279487

23
h-index

264894

42
g-index

50
all docs

50
docs citations

50
times ranked

4494
citing authors

#	ARTICLE	IF	CITATIONS
1	Zinc in Wound Healing Modulation. <i>Nutrients</i> , 2018, 10, 16.	1.7	278
2	Histone deacetylase 1 regulates retinal neurogenesis in zebrafish by suppressing Wnt and Notch signaling pathways. <i>Development (Cambridge)</i> , 2005, 132, 3027-3043.	1.2	210
3	A Bioinspired Alginate-Gum Arabic Hydrogel with Micro-/Nanoscale Structures for Controlled Drug Release in Chronic Wound Healing. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 22160-22175.	4.0	127
4	MG53-mediated cell membrane repair protects against acute kidney injury. <i>Science Translational Medicine</i> , 2015, 7, 279ra36.	5.8	103
5	Treatment of acute lung injury by targeting MG53-mediated cell membrane repair. <i>Nature Communications</i> , 2014, 5, 4387.	5.8	100
6	An Injectable Oxygen Release System to Augment Cell Survival and Promote Cardiac Repair Following Myocardial Infarction. <i>Scientific Reports</i> , 2018, 8, 1371.	1.6	92
7	Sustained Release of a Peptide-Based Matrix Metalloproteinase-2 Inhibitor to Attenuate Adverse Cardiac Remodeling and Improve Cardiac Function Following Myocardial Infarction. <i>Biomacromolecules</i> , 2017, 18, 2820-2829.	2.6	79
8	Lysosomal Two-pore Channel Subtype 2 (TPC2) Regulates Skeletal Muscle Autophagic Signaling. <i>Journal of Biological Chemistry</i> , 2015, 290, 3377-3389.	1.6	69
9	Modulation of Wound Healing and Scar Formation by MG53 Protein-mediated Cell Membrane Repair. <i>Journal of Biological Chemistry</i> , 2015, 290, 24592-24603.	1.6	64
10	MG53 permeates through blood-brain barrier to protect ischemic brain injury. <i>Oncotarget</i> , 2016, 7, 22474-22485.	0.8	54
11	Sustained elevation of MG53 in the bloodstream increases tissue regenerative capacity without compromising metabolic function. <i>Nature Communications</i> , 2019, 10, 4659.	5.8	47
12	RPM-1, a <i>Caenorhabditis elegans</i> Protein That Functions in Presynaptic Differentiation, Negatively Regulates Axon Outgrowth by Controlling SAX-3/robo and UNC-5/UNC5 Activity. <i>Journal of Neuroscience</i> , 2008, 28, 3595-3603.	1.7	46
13	Heat stress inhibits proliferation, promotes growth, and induces apoptosis in cultured Lantang swine skeletal muscle satellite cells. <i>Journal of Zhejiang University: Science B</i> , 2015, 16, 549-559.	1.3	42
14	Thermosensitive, fast gelling, photoluminescent, highly flexible, and degradable hydrogels for stem cell delivery. <i>Acta Biomaterialia</i> , 2019, 83, 96-108.	4.1	38
15	Spatiotemporal delivery of basic fibroblast growth factor to directly and simultaneously attenuate cardiac fibrosis and promote cardiac tissue vascularization following myocardial infarction. <i>Journal of Controlled Release</i> , 2019, 311-312, 233-244.	4.8	37
16	MG53 Does Not Manifest the Development of Diabetes in <i>db/db</i> Mice. <i>Diabetes</i> , 2020, 69, 1052-1064.	0.3	36
17	mTORC1 Mediates Lysine-Induced Satellite Cell Activation to Promote Skeletal Muscle Growth. <i>Cells</i> , 2019, 8, 1549.	1.8	34
18	MG53 suppresses interferon- $\hat{1}2$ and inflammation via regulation of ryanodine receptor-mediated intracellular calcium signaling. <i>Nature Communications</i> , 2020, 11, 3624.	5.8	32

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19	Restriction of proliferation of primordial germ cells by the irradiation of Japanese quail embryos with soft X-rays. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2001, 130, 133-140.	0.8	31
20	Experimental evidence for UNC-6 (netrin) axon guidance by stochastic fluctuations of intracellular UNC-40 (DCC) outgrowth activity. <i>Biology Open</i> , 2013, 2, 1300-1312.	0.6	30
21	Amphipathic tail-anchoring peptide is a promising therapeutic agent for prostate cancer treatment. <i>Oncotarget</i> , 2014, 5, 7734-7747.	0.8	29
22	CLEC-38, A Transmembrane Protein with C-Type Lectin-Like Domains, Negatively Regulates UNC-40-Mediated Axon Outgrowth and Promotes Presynaptic Development in <i>Caenorhabditis elegans</i> . <i>Journal of Neuroscience</i> , 2008, 28, 4541-4550.	1.7	27
23	L-Glutamate deficiency can trigger proliferation inhibition via down regulation of the mTOR/S6K1 pathway in pig intestinal epithelial cells ¹ . <i>Journal of Animal Science</i> , 2016, 94, 1541-1549.	0.2	26
24	MG53 suppresses tumor progression and stress granule formation by modulating G3BP2 activity in non-small cell lung cancer. <i>Molecular Cancer</i> , 2021, 20, 118.	7.9	24
25	Focal adhesion kinase and paxillin promote migration and adhesion to fibronectin by swine skeletal muscle satellite cells. <i>Oncotarget</i> , 2016, 7, 30845-30854.	0.8	24
26	Dietary Supplementation with Pioglitazone Hydrochloride and Chromium Methionine Improves Growth Performance, Meat Quality, and Antioxidant Ability in Finishing Pigs. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 4345-4351.	2.4	23
27	Effects of pioglitazone hydrochloride and vitamin E on meat quality, antioxidant status and fatty acid profiles in finishing pigs. <i>Meat Science</i> , 2018, 145, 340-346.	2.7	23
28	The Roles of Multiple UNC-40 (DCC) Receptor-Mediated Signals in Determining Neuronal Asymmetry Induced by the UNC-6 (Netrin) Ligand. <i>Genetics</i> , 2009, 183, 941-949.	1.2	21
29	Low Dose of IGF β Increases Cell Size of Skeletal Muscle Satellite Cells Via Akt/S6K Signaling Pathway. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2637-2648.	1.2	18
30	Recombinant MG53 Protein Protects Mice from Lethal Influenza Virus Infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 254-257.	2.5	15
31	Identification of Transferred Chicken Germ Cells in Quail Gonad and Semen by Amplification of Chicken-Specific PCR Products.. <i>Journal of Poultry Science</i> , 2001, 38, 308-316.	0.7	15
32	The cell membrane repair protein MG53 modulates transcription factor NF- κ B signaling to control kidney fibrosis. <i>Kidney International</i> , 2022, 101, 119-130.	2.6	14
33	MG53 protects against contrast-induced acute kidney injury by reducing cell membrane damage and apoptosis. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 1457-1464.	2.8	13
34	Immobilization of insulin-like growth factor-1 onto thermosensitive hydrogels to enhance cardiac progenitor cell survival and differentiation under ischemic conditions. <i>Science China Chemistry</i> , 2014, 57, 568-578.	4.2	12
35	Differentiation capacities of skeletal muscle satellite cells in Lantang and Landrace piglets. <i>Oncotarget</i> , 2017, 8, 43192-43200.	0.8	9
36	MG53 as a Novel Therapeutic Protein to Treat Acute Lung Injury. <i>Military Medicine</i> , 2021, 186, 339-345.	0.4	9

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37	Sustained delivery of rhMG53 promotes diabetic wound healing and hair follicle development. <i>Bioactive Materials</i> , 2022, 18, 104-115.	8.6	9
38	Lysine-induced swine satellite cell migration is mediated by the FAK pathway. <i>Food and Function</i> , 2019, 10, 583-591.	2.1	8
39	Population of Circulating Primordial Germ Cells in Early Japanese Quail Embryos. <i>Journal of Poultry Science</i> , 2001, 38, 175-180.	0.7	6
40	MG53 attenuates nitrogen mustard-induced acute lung injury. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 1886-1895.	1.6	5
41	Satellite cells isolated from skeletal muscle will proliferate faster in WENS yellow feather chicks. <i>Animal Science Journal</i> , 2016, 87, 126-133.	0.6	3
42	Editorial: New Technologies in Cancer Diagnostics and Therapeutics. <i>Frontiers in Pharmacology</i> , 2021, 12, 760833.	1.6	2
43	The Therapeutic Role of Recombinant Human MG53 Protein in Wound Healing. <i>Biophysical Journal</i> , 2014, 106, 95a.	0.2	1
44	MG53 can Function in Keratinocyte Membrane Repair and Contribute to Excisional Wound Healing in Rodent Skin. <i>Biophysical Journal</i> , 2013, 104, 293a.	0.2	0
45	Amphipathic Tail-Anchoring Peptide is a Promising Therapeutic Agent for Cancer Treatment. <i>Biophysical Journal</i> , 2014, 106, 186a.	0.2	0
46	Superresolution Microscopy Reveals Nanometer-Scale Reorganization of MG53 Associated with Membrane Repair. <i>Biophysical Journal</i> , 2014, 106, 633a.	0.2	0
47	MG53 Promotes Wound Healing and Reduces Scar Formation by Facilitating Cell Membrane Repair and Controlling Myofibroblast Differentiation. <i>Biophysical Journal</i> , 2016, 110, 589a.	0.2	0
48	MG53 Negatively Regulates NLRP3 to Inhibit Inflammation Associated with Tissue Injury. <i>Biophysical Journal</i> , 2017, 112, 532a.	0.2	0
49	PCL2, a novel tumor suppressor in breast cancer. <i>Science Bulletin</i> , 2018, 63, 597-598.	4.3	0
50	Topical Application of Recombinant Human MG53 Protein Facilitates Healing of Chronic Wounds in Diabetic Mice. <i>FASEB Journal</i> , 2019, 33, .	0.2	0