

Pei-Hui Lin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

57
papers

6,755
citations

29
h-index

82
g-index

86
ext. papers

7,812
ext. citations

6.4
avg, IF

4.58
L-index

#	Paper	IF	Citations
57	MG53 preserves mitochondrial integrity of cardiomyocytes during ischemia reperfusion-induced oxidative stress. <i>Redox Biology</i> , 2022 , 102357	11.3	0
56	Wound Matrix Stiffness Imposes on Macrophage Activation. <i>Methods in Molecular Biology</i> , 2021 , 2193, 111-120	1.4	1
55	A multi-herb-combined remedy to overcome hyper-inflammatory response by reprogramming transcription factor profile and shaping monocyte subsets. <i>Pharmacological Research</i> , 2021 , 169, 105617 ^{10.2}	10.2	0
54	TRIC-A regulates intracellular Ca homeostasis in cardiomyocytes. <i>Pflugers Archiv European Journal of Physiology</i> , 2021 , 473, 547-556	4.6	2
53	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	42.1	1
52	MG53 protects against contrast-induced acute kidney injury by reducing cell membrane damage and apoptosis. <i>Acta Pharmacologica Sinica</i> , 2020 , 41, 1457-1464	8	6
51	TRIC-A Channel Maintains Store Calcium Handling by Interacting With Type 2 Ryanodine Receptor in Cardiac Muscle. <i>Circulation Research</i> , 2020 , 126, 417-435	15.7	9
50	Dyslipidemia in Kidney Disorders: Perspectives on Mitochondria Homeostasis and Therapeutic Opportunities. <i>Frontiers in Physiology</i> , 2020 , 11, 1050	4.6	8
49	MG53 suppresses interferon- λ and inflammation via regulation of ryanodine receptor-mediated intracellular calcium signaling. <i>Nature Communications</i> , 2020 , 11, 3624	17.4	13
48	Sustained elevation of MG53 in the bloodstream increases tissue regenerative capacity without compromising metabolic function. <i>Nature Communications</i> , 2019 , 10, 4659	17.4	24
47	Skeletal Muscle Lysosomal Function via Cathepsin Activity Measurement. <i>Methods in Molecular Biology</i> , 2019 , 1854, 35-43	1.4	3
46	Exogenous MG53 Protects Adult Mouse Cardiomyocytes by Preventing Mitochondria Damage in Response to Oxidative Stress. <i>FASEB Journal</i> , 2019 , 33, 833.3	0.9	
45	Heme Oxygenase-1 in Kidney Health and Disease 2019 , 205-216		
44	Data on characterization of metalloporphyrin-mediated HO-1 and DAF induction in rat glomeruli and podocytes. <i>Data in Brief</i> , 2019 , 22, 279-285	1.2	3
43	An Injectable Oxygen Release System to Augment Cell Survival and Promote Cardiac Repair Following Myocardial Infarction. <i>Scientific Reports</i> , 2018 , 8, 1371	4.9	66
42	Production of oridonin-rich extracts from <i>Rabdosia rubescens</i> using hyphenated ultrasound-assisted supercritical carbon dioxide extraction. <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 3323-3332	4.3	12
41	Mitochondria Damage and Kidney Disease. <i>Advances in Experimental Medicine and Biology</i> , 2017 , 982, 529-551	3.6	63

40	Zinc in Wound Healing Modulation. <i>Nutrients</i> , 2017 , 10,	6.7	151
39	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	6.9	53
38	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
37	MG53 permeates through blood-brain barrier to protect ischemic brain injury. <i>Oncotarget</i> , 2016 , 7, 22474-85	3.5	32
36	Autophagy, Innate Immunity and Tissue Repair in Acute Kidney Injury. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	58
35	Development of a Green Alternative Procedure for the Simultaneous Separation and Quantification of Clove Oil and Its Major Bioactive Constituents. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 6491-6499	8.3	20
34	Lysosomal two-pore channel subtype 2 (TPC2) regulates skeletal muscle autophagic signaling. <i>Journal of Biological Chemistry</i> , 2015 , 290, 3377-89	5.4	55
33	Zinc Binding to MG53 Protein Facilitates Repair of Injury to Cell Membranes. <i>Journal of Biological Chemistry</i> , 2015 , 290, 13830-9	5.4	25
32	MG53-mediated cell membrane repair protects against acute kidney injury. <i>Science Translational Medicine</i> , 2015 , 7, 279ra36	17.5	70
31	Modulation of wound healing and scar formation by MG53 protein-mediated cell membrane repair. <i>Journal of Biological Chemistry</i> , 2015 , 290, 24592-603	5.4	54
30	Suppressed autophagy flux in skeletal muscle of an amyotrophic lateral sclerosis mouse model during disease progression. <i>Physiological Reports</i> , 2015 , 3, e12271	2.6	29
29	Cardioprotection of recombinant human MG53 protein in a porcine model of ischemia and reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 80, 10-19	5.8	66
28	Trimeric intracellular cation channels and sarcoplasmic/endoplasmic reticulum calcium homeostasis. <i>Circulation Research</i> , 2014 , 114, 706-16	15.7	34
27	Assessment of calcium sparks in intact skeletal muscle fibers. <i>Journal of Visualized Experiments</i> , 2014 , e50898	1.6	4
26	Treatment of acute lung injury by targeting MG53-mediated cell membrane repair. <i>Nature Communications</i> , 2014 , 5, 4387	17.4	65
25	Superresolution microscope image reconstruction by spatiotemporal object decomposition and association: application in resolving t-tubule structure in skeletal muscle. <i>Optics Express</i> , 2014 , 22, 12160-76	3.3	11
24	Spatial covariance reconstructive (SCORE) super-resolution fluorescence microscopy. <i>PLoS ONE</i> , 2014 , 9, e94807	3.7	16
23	MG53-induced IRS-1 ubiquitination negatively regulates skeletal myogenesis and insulin signalling. <i>Nature Communications</i> , 2013 , 4, 2354	17.4	102

22	Type 1 inositol (1,4,5)-trisphosphate receptor activates ryanodine receptor 1 to mediate calcium spark signaling in adult mammalian skeletal muscle. <i>Journal of Biological Chemistry</i> , 2013 , 288, 2103-9	5.4	27
21	The Two-pore channel 2 (TPC2) mediates autophagy in skeletal muscles. <i>FASEB Journal</i> , 2013 , 27, lb86	0.9	
20	Recombinant MG53 protein modulates therapeutic cell membrane repair in treatment of muscular dystrophy. <i>Science Translational Medicine</i> , 2012 , 4, 139ra85	17.5	128
19	Enhancing muscle membrane repair by gene delivery of MG53 ameliorates muscular dystrophy and heart failure in β Sarcoglycan-deficient hamsters. <i>Molecular Therapy</i> , 2012 , 20, 727-35	11.7	72
18	TRIM50 protein regulates vesicular trafficking for acid secretion in gastric parietal cells. <i>Journal of Biological Chemistry</i> , 2012 , 287, 33523-32	5.4	11
17	Nonmuscle myosin IIA facilitates vesicle trafficking for MG53-mediated cell membrane repair. <i>FASEB Journal</i> , 2012 , 26, 1875-83	0.9	50
16	Visualization of MG53-mediated cell membrane repair using in vivo and in vitro systems. <i>Journal of Visualized Experiments</i> , 2011 ,	1.6	14
15	Dysferlin, annexin A1, and mitsugumin 53 are upregulated in muscular dystrophy and localize to longitudinal tubules of the T-system with stretch. <i>Journal of Neuropathology and Experimental Neurology</i> , 2011 , 70, 302-13	3.1	63
14	Ataxin-1 and Brother of ataxin-1 are components of the Notch signalling pathway. <i>EMBO Reports</i> , 2011 , 12, 428-35	6.5	52
13	Polymerase transcriptase release factor (PTRF) anchors MG53 protein to cell injury site for initiation of membrane repair. <i>Journal of Biological Chemistry</i> , 2011 , 286, 12820-4	5.4	73
12	Cardioprotection of ischemia/reperfusion injury by cholesterol-dependent MG53-mediated membrane repair. <i>Circulation Research</i> , 2010 , 107, 76-83	15.7	111
11	Ca ²⁺ overload and sarcoplasmic reticulum instability in <i>tric-a</i> null skeletal muscle. <i>Journal of Biological Chemistry</i> , 2010 , 285, 37370-6	5.4	31
10	The amino-terminal peptide of Bax perturbs intracellular Ca ²⁺ homeostasis to enhance apoptosis in prostate cancer cells. <i>American Journal of Physiology - Cell Physiology</i> , 2009 , 296, C267-72	5.4	14
9	NAADP mobilizes calcium from acidic organelles through two-pore channels. <i>Nature</i> , 2009 , 459, 596-600	50.4	603
8	MG53 nucleates assembly of cell membrane repair machinery. <i>Nature Cell Biology</i> , 2009 , 11, 56-64	23.4	314
7	MG53 Nucleates Assembly Of Cell Membrane Repair Machinery. <i>Biophysical Journal</i> , 2009 , 96, 361a	2.9	4
6	Overexpression of Bax induces down-regulation of store-operated calcium entry in prostate cancer cells. <i>Journal of Cellular Physiology</i> , 2008 , 216, 172-9	7	14
5	TRIC channels are essential for Ca ²⁺ handling in intracellular stores. <i>Nature</i> , 2007 , 448, 78-82	50.4	120

4	The tail-anchoring domain of Bfl1 and HCCS1 targets mitochondrial membrane permeability to induce apoptosis. <i>Journal of Cell Science</i> , 2007 , 120, 2912-23	5.3	30
3	The presenilin-2 loop peptide perturbs intracellular Ca ²⁺ homeostasis and accelerates apoptosis. <i>Journal of Biological Chemistry</i> , 2006 , 281, 16649-55	5.4	35
2	Uncoupling store-operated Ca ²⁺ entry and altered Ca ²⁺ release from sarcoplasmic reticulum through silencing of junctophilin genes. <i>Biophysical Journal</i> , 2006 , 90, 4418-27	2.9	75
1	Monoclonal antibodies against antigens expressed on human hepatocellular carcinoma cells. <i>Hepatology</i> , 1986 , 6, 1396-402	11.2	16