

Yu-Long Li

List of Publications by Year in descending order

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86
papers

1,501
citations

304368

22
h-index

315357

38
g-index

86
all docs

86
docs citations

86
times ranked

1569
citing authors

#	ARTICLE	IF	CITATIONS
1	Superoxide Mediates Sympathoexcitation in Heart Failure. <i>Circulation Research</i> , 2004, 95, 937-944.	2.0	223
2	Angiotensin II enhances carotid body chemoreflex control of sympathetic outflow in chronic heart failure rabbits. <i>Cardiovascular Research</i> , 2006, 71, 129-138.	1.8	106
3	NADPH oxidase-derived superoxide anion mediates angiotensin II-enhanced carotid body chemoreceptor sensitivity in heart failure rabbits. <i>Cardiovascular Research</i> , 2007, 75, 546-554.	1.8	102
4	Fabrication of versatile dynamic hyaluronic acid-based hydrogels. <i>Carbohydrate Polymers</i> , 2020, 233, 115803.	5.1	83
5	Tourniquet-induced acute ischemia-reperfusion injury in mouse skeletal muscles: Involvement of superoxide. <i>European Journal of Pharmacology</i> , 2011, 650, 328-334.	1.7	74
6	Gene Transfer of Neuronal Nitric Oxide Synthase to Carotid Body Reverses Enhanced Chemoreceptor Function in Heart Failure Rabbits. <i>Circulation Research</i> , 2005, 97, 260-267.	2.0	64
7	Exercise training improves peripheral chemoreflex function in heart failure rabbits. <i>Journal of Applied Physiology</i> , 2008, 105, 782-790.	1.2	63
8	Enhanced sensitivity of Kv channels to hypoxia in the rabbit carotid body in heart failure: role of angiotensin II. <i>Journal of Physiology</i> , 2006, 575, 215-227.	1.3	61
9	Mitochondria-produced superoxide mediates angiotensin II-induced inhibition of neuronal potassium current. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C857-C865.	2.1	55
10	Mitochondria-Derived Superoxide Links to Tourniquet-Induced Apoptosis in Mouse Skeletal Muscle. <i>PLoS ONE</i> , 2012, 7, e43410.	1.1	36
11	Blunted excitability of aortic baroreceptor neurons in diabetic rats: involvement of hyperpolarization-activated channel. <i>Cardiovascular Research</i> , 2008, 79, 715-721.	1.8	32
12	Urinary Proteolytic Activation of Renal Epithelial Na ⁺ Channels in Chronic Heart Failure. <i>Hypertension</i> , 2016, 67, 197-205.	1.3	32
13	Morphological Regeneration and Functional Recovery of Neuromuscular Junctions after Tourniquet-Induced Injuries in Mouse Hindlimb. <i>Frontiers in Physiology</i> , 2017, 8, 207.	1.3	32
14	Attenuated outward potassium currents in carotid body glomus cells of heart failure rabbit: involvement of nitric oxide. <i>Journal of Physiology</i> , 2004, 555, 219-229.	1.3	31
15	Dexamethasone Protects Against Tourniquet-Induced Acute Ischemia-Reperfusion Injury in Mouse Hindlimb. <i>Frontiers in Physiology</i> , 2018, 9, 244.	1.3	29
16	Endogenous reactive oxygen species modulates voltage-gated sodium channels in dorsal root ganglia of rats. <i>Journal of Applied Physiology</i> , 2011, 110, 1439-1447.	1.2	28
17	Heart failure-induced changes of voltage-gated Ca ²⁺ channels and cell excitability in rat cardiac postganglionic neurons. <i>American Journal of Physiology - Cell Physiology</i> , 2014, 306, C132-C142.	2.1	27
18	Cellular and Molecular Mechanisms Underlying Arterial Baroreceptor Remodeling in Cardiovascular Diseases and Diabetes. <i>Neuroscience Bulletin</i> , 2019, 35, 98-112.	1.5	27

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19	Voltage-gated sodium channel expression and action potential generation in differentiated NG108-15 cells. <i>BMC Neuroscience</i> , 2012, 13, 129.	0.8	26
20	Macrophage depletion in stellate ganglia alleviates cardiac sympathetic overactivation and ventricular arrhythmogenesis by attenuating neuroinflammation in heart failure. <i>Basic Research in Cardiology</i> , 2021, 116, 28.	2.5	26
21	Expression of Neuronal Nitric Oxide Synthase in Rabbit Carotid Body Glomus Cells Regulates Large-Conductance Ca ²⁺ -Activated Potassium Currents. <i>Journal of Neurophysiology</i> , 2010, 103, 3027-3033.	0.9	24
22	In Vivo Transfection of Manganese Superoxide Dismutase Gene or Nuclear Factor κ B shRNA in Nodose Ganglia Improves Aortic Baroreceptor Function in Heart Failure Rats. <i>Hypertension</i> , 2014, 63, 88-95.	1.3	24
23	Alterations of calcium channels and cell excitability in intracardiac ganglion neurons from type 2 diabetic rats. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C1119-C1127.	2.1	23
24	Reduced expression and activation of voltage-gated sodium channels contributes to blunted baroreflex sensitivity in heart failure rats. <i>Journal of Neuroscience Research</i> , 2010, 88, 3337-3349.	1.3	20
25	Angiotensin II-NADPH oxidase-derived superoxide mediates diabetes-attenuated cell excitability of aortic baroreceptor neurons. <i>American Journal of Physiology - Cell Physiology</i> , 2011, 301, C1368-C1377.	2.1	18
26	Mitochondria-derived superoxide and voltage-gated sodium channels in baroreceptor neurons from chronic heart-failure rats. <i>Journal of Neurophysiology</i> , 2012, 107, 591-602.	0.9	18
27	Altered ENaC Is Associated With Aortic Baroreceptor Dysfunction in Chronic Heart Failure. <i>American Journal of Hypertension</i> , 2016, 29, 582-589.	1.0	18
28	Injectable, antioxidative, and neurotrophic factor-deliverable hydrogel for peripheral nerve regeneration and neuropathic pain relief. <i>Applied Materials Today</i> , 2021, 24, 101090.	2.3	17
29	Angiotensin II enhances hyperpolarization-activated currents in rat aortic baroreceptor neurons: involvement of superoxide. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 298, C98-C106.	2.1	16
30	Attenuated dopaminergic tone in the paraventricular nucleus contributing to sympathoexcitation in rats with Type 2 diabetes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 306, R138-R148.	0.9	15
31	A Hypothalamic Leptin-Glutamate Interaction in the Regulation of Sympathetic Nerve Activity. <i>Neural Plasticity</i> , 2017, 2017, 1-11.	1.0	15
32	Substrates and potential therapeutics of ventricular arrhythmias in heart failure. <i>European Journal of Pharmacology</i> , 2018, 833, 349-356.	1.7	15
33	Dexamethasone Improves Wound Healing by Decreased Inflammation and Increased Vasculogenesis in Mouse Skin Frostbite Model. <i>Wilderness and Environmental Medicine</i> , 2020, 31, 407-417.	0.4	12
34	Elevated Angiotensin II in Rat Nodose Ganglia Primes Diabetes-Blunted Arterial Baroreflex Sensitivity: Involvement of NADPH Oxidase Derived Superoxide. <i>Journal of Diabetes & Metabolism</i> , 2011, 02, .	0.2	12
35	Effect of angiotensin II on voltage-gated sodium currents in aortic baroreceptor neurons and arterial baroreflex sensitivity in heart failure rats. <i>Journal of Hypertension</i> , 2015, 33, 1401-1410.	0.3	10
36	Redox-sensitive calcium/calmodulin-dependent protein kinase II α in angiotensin II intra-neuronal signaling and hypertension. <i>Redox Biology</i> , 2019, 27, 101230.	3.9	10

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37	Inhibition of N-type calcium channels in cardiac sympathetic neurons attenuates ventricular arrhythmogenesis in heart failure. <i>Cardiovascular Research</i> , 2021, 117, 137-148.	1.8	9
38	Correlation of Ventricular Arrhythmogenesis with Neuronal Remodeling of Cardiac Postganglionic Parasympathetic Neurons in the Late Stage of Heart Failure after Myocardial Infarction. <i>Frontiers in Neuroscience</i> , 2017, 11, 252.	1.4	8
39	Role of NADPH oxidase-derived superoxide anion on angiotensin II-enhanced sensitivity of potassium channels to hypoxia in carotid body of congestive heart failure rabbits. <i>FASEB Journal</i> , 2007, 21, A1268.	0.2	8
40	Reduced N-type Ca ²⁺ Channels in Atrioventricular Ganglion Neurons Are Involved in Ventricular Arrhythmogenesis. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	7
41	Dexamethasone ameliorates recovery process of neuromuscular junctions after tourniquet-induced ischemia-reperfusion injuries in mouse hindlimb. <i>European Journal of Pharmacology</i> , 2020, 883, 173364.	1.7	7
42	Changes of calcium channel mRNA, protein and current in NG108-15 cells after cell differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2012, 423, 55-59.	1.0	6
43	Angiotensin II-superoxide-NF κ B signaling and aortic baroreceptor dysfunction in chronic heart failure. <i>Frontiers in Neuroscience</i> , 2015, 9, 382.	1.4	5
44	Angiotensin II induces protein overexpression of hyperpolarization-activated cyclic nucleotide-gated channels in primary cultured nodose neurons. <i>Neuroscience Letters</i> , 2012, 515, 168-173.	1.0	4
45	Reduced Blood Flow in Carotid Arteries is a Trigger Contributing to Peripheral Chemoreflex Hypersensitivity in Chronic Heart Failure Rabbits. <i>FASEB Journal</i> , 2007, 21, A1268.	0.2	4
46	Angiotensin II-Superoxide Signaling and Arterial Baroreceptor Function in Type-1 Diabetes Mellitus. <i>Journal of Diabetes & Metabolism</i> , 2013, Suppl 12, 1-6.	0.2	3
47	Reduced Cell Excitability of Cardiac Postganglionic Parasympathetic Neurons Correlates With Myocardial Infarction-Induced Fatal Ventricular Arrhythmias in Type 2 Diabetes Mellitus. <i>Frontiers in Neuroscience</i> , 2021, 15, 721364.	1.4	2
48	A comparison of acute mouse hindlimb injuries between tourniquet- and femoral artery ligation-induced ischemia-reperfusion. <i>Injury</i> , 2021, 52, 3217-3226.	0.7	2
49	Therapeutic effects of masitinib on abnormal mechanoreception in a mouse model of tourniquet-induced extremity ischemia-reperfusion. <i>European Journal of Pharmacology</i> , 2021, 911, 174549.	1.7	2
50	Sympathoexcitation in chronic heart failure: Ang II induced inhibition of voltage-gated K ⁺ channel, an in vivo and in vitro study. <i>FASEB Journal</i> , 2006, 20, .	0.2	2
51	Chronic intermittent hypoxia alters chemoreflex control of lumbar sympathetic nerve activity and carotid body protein expression. <i>FASEB Journal</i> , 2009, 23, 1008.1.	0.2	2
52	Neural Mechanisms of Autonomic Dysfunction in Neurological Diseases. <i>Neural Plasticity</i> , 2017, 2017, 1-2.	1.0	1
53	A Murine Model of Acute Hindlimb Ischemia/Reperfusion Injury. <i>FASEB Journal</i> , 2009, 23, 763.3.	0.2	1
54	Involvement of NADPH oxidase-derived superoxide anion in diabetes-blunted aortic baroreceptor neuron excitability. <i>FASEB Journal</i> , 2009, 23, 785.2.	0.2	1

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55	Angiotensin α 1 α 7 increases neuronal potassium current via a nitric oxide α dependent mechanism. FASEB Journal, 2010, 24, 809.19.	0.2	1
56	Effect of AT1 receptor blockade on intermittent hypoxia α induced endothelial dysfunction. FASEB Journal, 2010, 24, 1022.7.	0.2	1
57	CDK5 promotes ventricular arrhythmogenesis through phosphorylation of Na α type calcium channels in cardiac sympathetic postganglionic neurons. FASEB Journal, 2020, 34, 1-1.	0.2	1
58	Macrophage depletion in stellate ganglia attenuates cardiac sympathetic overactivation and ventricular arrhythmogenesis by inhibiting neuroinflammation in heart failure. FASEB Journal, 2021, 35, .	0.2	0
59	Hydrogen peroxide accelerates ventricular arrhythmogenesis by inactivating Na α type calcium channels in cardiac vagal postganglionic neurons in type 2 diabetic rats. FASEB Journal, 2021, 35, .	0.2	0
60	The Different Responses to Femoral Artery Ligation α induced Ischemia between Balb/c and C57BL/6 mice. FASEB Journal, 2021, 35, .	0.2	0
61	Does hyperbaric oxygen pretreatment with 100% oxygen attenuate tourniquet α induced acute ischemia α reperfusion injury in mouse hindlimb?. FASEB Journal, 2021, 35, .	0.2	0
62	Downregulation of Carbon Monoxide as well as Nitric Oxide Contributes to Peripheral Chemoreflex Hypersensitivity in Heart Failure Rabbits. FASEB Journal, 2006, 20, .	0.2	0
63	Gene transfer of Cu α Zn superoxide dismutase to the carotid body reverses enhanced chemoreceptor function in heart failure rabbits. FASEB Journal, 2008, 22, 741.2.	0.2	0
64	Cytoplasmic and mitochondrial α produced superoxide mediates angiotensin II (AngII) α induced inhibition of K α current in CATH.a neurons. FASEB Journal, 2008, 22, 150-150.	0.2	0
65	Adenovirus α mediated gene transfer of Mn superoxide dismutase to carotid body normalizes enhanced chemoreceptor function in heart failure rabbits. FASEB Journal, 2009, 23, 957.2.	0.2	0
66	Interplay of angiotensin 1 α 7 and angiotensin II in the regulation of voltage α gated potassium current in the glomus cells of carotid body. FASEB Journal, 2009, 23, 1009.12.	0.2	0
67	Lowered activation of voltage α gated sodium channels contributes to blunted baroreflex sensitivity in heart failure rats. FASEB Journal, 2010, 24, 1051.4.	0.2	0
68	Angiotensin α 1 α 7 inhibits angiotensin II intra α neuronal signaling. FASEB Journal, 2010, 24, 1051.12.	0.2	0
69	Enhanced peripheral chemoreflex function in conscious rats with ligation α induced heart failure. FASEB Journal, 2010, 24, 1050.2.	0.2	0
70	Alteration in Skeletal Muscle Afferents in Rats with Chronic Heart Failure. FASEB Journal, 2011, 25, 1054.10.	0.2	0
71	Role of nuclear factor α kappa B in mitochondria α derived superoxide α lowered protein expression of voltage α gated sodium channels in nodose neurons from heart failure rats. FASEB Journal, 2012, 26, 703.2.	0.2	0
72	Blunted sensitivity of intracardiac ganglion neurons to nicotine in type α 2 diabetic rats. FASEB Journal, 2012, 26, 1091.9.	0.2	0

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73	Alterations of calcium channels and cell excitability in intracardiac and stellate ganglion neurons from chronic heart failure rats. <i>FASEB Journal</i> , 2013, 27, .	0.2	0
74	Enhanced levels of proteases in tubular fluid activate ENaC in chronic heart failure. <i>FASEB Journal</i> , 2013, 27, 698.2.	0.2	0
75	Involvement of nuclear factor- κ B in superoxide-induced lowered protein expression of voltage-gated sodium channels in nodose ganglia from heart failure rats. <i>FASEB Journal</i> , 2013, 27, 699.2.	0.2	0
76	Single-Cell Neuronal Dissociation for Electrophysiological Studies. <i>Springer Protocols</i> , 2014, , 105-113.	0.1	0
77	Liposomal dexamethasone attenuates tourniquet-induced ischemia-reperfusion injury in mouse hindlimb. <i>FASEB Journal</i> , 2018, 32, 856.26.	0.2	0
78	Leptin-mediated Sympathoexcitation in Obese Rats: Role for Astrocyte-Neuron Crosstalk in the Arcuate Nucleus. <i>FASEB Journal</i> , 2018, 32, 919.2.	0.2	0
79	Re-expression of REST Promotes Ventricular Arrhythmogenesis via Repressing N-type Calcium Channel in Ventricular Vagal Neurons in Chronic Heart Failure. <i>FASEB Journal</i> , 2018, 32, .	0.2	0
80	Dexamethasone Improves Neuromuscular Junction Recovery From Ischemia-Reperfusion Injury Induced by Tourniquet Application in Mouse Hindlimb. <i>FASEB Journal</i> , 2019, 33, 849.1.	0.2	0
81	Anti-inflammatory Treatment with a Prodrug of Dexamethasone in Stellate Ganglia Attenuates Ventricular Arrhythmogenesis in Chronic Heart Failure Rats. <i>FASEB Journal</i> , 2019, 33, 564.1.	0.2	0
82	A Comparison of Ischemia-Reperfusion Injuries Induced by Tourniquet and Femoral Artery Ligation in Mouse Hindlimb. <i>FASEB Journal</i> , 2019, 33, 868.6.	0.2	0
83	Hyperbaric oxygen therapy does not alleviate tourniquet-induced acute ischemia-reperfusion injury in mouse skeletal muscles. <i>Injury</i> , 2022, 53, 368-375.	0.7	0
84	Hydrogen Peroxide Scavenging Restores N-Type Calcium Channels in Cardiac Vagal Postganglionic Neurons and Mitigates Myocardial Infarction-Evoked Ventricular Arrhythmias in Type 2 Diabetes Mellitus. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 871852.	1.1	0
85	Activation of satellite glia in stellate ganglia from chronic heart failure rats. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
86	Overproduction of reactive oxygen species in cardiac vagal postganglionic neurons contributes to myocardial infarction-induced lethal ventricular arrhythmias in type 2 diabetes mellitus. <i>FASEB Journal</i> , 2022, 36, .	0.2	0