

Xiaochun Long

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

2,807
citations

236925

25
h-index

289244

40
g-index

44
all docs

44
docs citations

44
times ranked

4260
citing authors

#	ARTICLE	IF	CITATIONS
1	Prime editing in mice reveals the essentiality of a single base in driving tissue-specific gene expression. <i>Genome Biology</i> , 2021, 22, 83.	8.8	62
2	MKL1 cooperates with p38MAPK to promote vascular senescence, inflammation, and abdominal aortic aneurysm. <i>Redox Biology</i> , 2021, 41, 101903.	9.0	29
3	Transcriptional control of a novel long noncoding RNA <i>Mymsl</i> in smooth muscle cells by a single Cis-element and its initial functional characterization in vessels. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 138, 147-157.	1.9	14
4	Transcriptome analysis of mouse aortae reveals multiple novel pathways regulated by aging. <i>Aging</i> , 2020, 12, 15603-15623.	3.1	9
5	Thymine DNA glycosylase is a key regulator of CaMKII β expression and vascular smooth muscle phenotype. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H969-H980.	3.2	4
6	CRISPR links to long noncoding RNA function in mice: A practical approach. <i>Vascular Pharmacology</i> , 2019, 114, 1-12.	2.1	9
7	Vascular smooth muscle-MAPK14 is required for neointimal hyperplasia by suppressing VSMC differentiation and inducing proliferation and inflammation. <i>Redox Biology</i> , 2019, 22, 101137.	9.0	46
8	<i>SENCR</i> stabilizes vascular endothelial cell adherens junctions through interaction with CKAP4. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 546-555.	7.1	88
9	CRISPR-Cas9-Mediated Epitope Tagging Provides Accurate and Versatile Assessment of Myocardin. <i>Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2184-2190.	2.4	24
10	Transforming growth factor β 1 suppresses proinflammatory gene program independent of its regulation on vascular smooth muscle differentiation and autophagy. <i>Cellular Signalling</i> , 2018, 50, 160-170.	3.6	13
11	CRISPR-tagging mice in aging research. <i>Aging</i> , 2018, 10, 2226-2227.	3.1	0
12	Selective expression of TSPAN2 in vascular smooth muscle is independently regulated by TGF β 1/SMAD and myocardin/serum response factor. <i>FASEB Journal</i> , 2017, 31, 2576-2591.	0.5	27
13	Dual Function for Mature Vascular Smooth Muscle Cells During Arteriovenous Fistula Remodeling. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	34
14	The Hemoglobin Homolog Cytoglobin in Smooth Muscle Inhibits Apoptosis and Regulates Vascular Remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1944-1955.	2.4	24
15	<i>MYOSLID</i> Is a Novel Serum Response Factor-Dependent Long Noncoding RNA That Amplifies the Vascular Smooth Muscle Differentiation Program. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 2088-2099.	2.4	93
16	The short and long of noncoding sequences in the control of vascular cell phenotypes. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3457-3488.	5.4	34
17	Myocardin Regulates Vascular Smooth Muscle Cell Inflammatory Activation and Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 817-828.	2.4	92
18	Cholesterol Loading Reprograms the MicroRNA-143/145-Myocardin Axis to Convert Aortic Smooth Muscle Cells to a Dysfunctional Macrophage-Like Phenotype. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 535-546.	2.4	261

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19	Fibronectin Matrix Polymerization Regulates Smooth Muscle Cell Phenotype through a Rac1 Dependent Mechanism. <i>PLoS ONE</i> , 2014, 9, e94988.	2.5	22
20	Identification and Initial Functional Characterization of a Human Vascular Cell-Enriched Long Noncoding RNA. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1249-1259.	2.4	247
21	Myocardin and microRNA-1 modulate bladder activity through connexin 43 expression during postnatal development. <i>Journal of Cellular Physiology</i> , 2013, 228, 1819-1826.	4.1	24
22	Expression and promoter analysis of a highly restricted integrin alpha gene in vascular smooth muscle. <i>Gene</i> , 2013, 513, 82-89.	2.2	26
23	Mitogen-Activated Protein Kinase 14 Is a Novel Negative Regulatory Switch for the Vascular Smooth Muscle Cell Contractile Gene Program. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 378-386.	2.4	22
24	Myocardin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2284-2285.	2.4	4
25	Platelet factor 4 mediates vascular smooth muscle cell injury responses. <i>Blood</i> , 2013, 121, 4417-4427.	1.4	53
26	Transforming Growth Factor- β 1 (TGF- β 1) Utilizes Distinct Pathways for the Transcriptional Activation of MicroRNA 143/145 in Human Coronary Artery Smooth Muscle Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 30119-30129.	3.4	126
27	Identifying functional single nucleotide polymorphisms in the human CArGome. <i>Physiological Genomics</i> , 2011, 43, 1038-1048.	2.3	44
28	Smooth Muscle Calponin. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2172-2180.	2.4	28
29	Smad3-mediated Myocardin Silencing. <i>Journal of Biological Chemistry</i> , 2011, 286, 15050-15057.	3.4	43
30	Retinoid-Induced Expression and Activity of an Immediate Early Tumor Suppressor Gene in Vascular Smooth Muscle Cells. <i>PLoS ONE</i> , 2011, 6, e18538.	2.5	10
31	Expression and functional activity of four myocardin isoforms. <i>Gene</i> , 2010, 464, 1-10.	2.2	33
32	The Smooth Muscle Cell-restricted KCNB1 Ion Channel Subunit Is a Direct Transcriptional Target of Serum Response Factor and Myocardin. <i>Journal of Biological Chemistry</i> , 2009, 284, 33671-33682.	3.4	55
33	Myocardin-dependent Activation of the CArG Box-rich Smooth Muscle β -Actin Gene. <i>Journal of Biological Chemistry</i> , 2009, 284, 32582-32590.	3.4	33
34	SRF and myocardin regulate LRP-mediated amyloid- β clearance in brain vascular cells. <i>Nature Cell Biology</i> , 2009, 11, 143-153.	10.3	237
35	Myocardin Is Sufficient for a Smooth Muscle-Like Contractile Phenotype. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1505-1510.	2.4	112
36	Expression and comparative genomics of two serum response factor genes in zebrafish. <i>International Journal of Developmental Biology</i> , 2008, 52, 389-396.	0.6	7

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37	Myocardin is a bifunctional switch for smooth versus skeletal muscle differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16570-16575.	7.1	84
38	Remote Control of Gene Expression. Journal of Biological Chemistry, 2007, 282, 15941-15945.	3.4	29
39	Serum response factor: master regulator of the actin cytoskeleton and contractile apparatus. American Journal of Physiology - Cell Physiology, 2007, 292, C70-C81.	4.6	411
40	Defining the mammalian CArGome. Genome Research, 2006, 16, 197-207.	5.5	255
41	Contribution of serum response factor and myocardin to transcriptional regulation of smoothelins. Cardiovascular Research, 2006, 70, 136-145.	3.8	32