

Hui Li

List of Publications by Year in descending order

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34
papers

4,086
citations

186265

28
h-index

377865

34
g-index

34
all docs

34
docs citations

34
times ranked

5614
citing authors

#	ARTICLE	IF	CITATIONS
1	Precise correction of Duchenne muscular dystrophy exon deletion mutations by base and prime editing. <i>Science Advances</i> , 2021, 7, .	10.3	127
2	A consolidated AAV system for single-cut CRISPR correction of a common Duchenne muscular dystrophy mutation. <i>Molecular Therapy - Methods and Clinical Development</i> , 2021, 22, 122-132.	4.1	20
3	Degenerative and regenerative pathways underlying Duchenne muscular dystrophy revealed by single-nucleus RNA sequencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29691-29701.	7.1	90
4	Correction of Three Prominent Mutations in Mouse and Human Models of Duchenne Muscular Dystrophy by Single-Cut Genome Editing. <i>Molecular Therapy</i> , 2020, 28, 2044-2055.	8.2	51
5	Dynamic Transcriptional Responses to Injury of Regenerative and Non-regenerative Cardiomyocytes Revealed by Single-Nucleus RNA Sequencing. <i>Developmental Cell</i> , 2020, 53, 102-116.e8.	7.0	95
6	Enhanced CRISPR-Cas9 correction of Duchenne muscular dystrophy in mice by a self-complementary AAV delivery system. <i>Science Advances</i> , 2020, 6, eaay6812.	10.3	114
7	In vivo non-invasive monitoring of dystrophin correction in a new Duchenne muscular dystrophy reporter mouse. <i>Nature Communications</i> , 2019, 10, 4537.	12.8	32
8	CRISPR-Cas9 corrects Duchenne muscular dystrophy exon 44 deletion mutations in mice and human cells. <i>Science Advances</i> , 2019, 5, eaav4324.	10.3	190
9	Correction of diverse muscular dystrophy mutations in human engineered heart muscle by single-site genome editing. <i>Science Advances</i> , 2018, 4, eaap9004.	10.3	200
10	Gene editing restores dystrophin expression in a canine model of Duchenne muscular dystrophy. <i>Science</i> , 2018, 362, 86-91.	12.6	405
11	Proteomic Characterization of the Heart and Skeletal Muscle Reveals Widespread Arginine ADP-Ribosylation by the ARTC1 Ectoenzyme. <i>Cell Reports</i> , 2018, 24, 1916-1929.e5.	6.4	55
12	Metalloprotease-disintegrin ADAM12 actively promotes the stem cell-like phenotype in claudin-low breast cancer. <i>Molecular Cancer</i> , 2017, 16, 32.	19.2	39
13	CRISPR-Cpf1 correction of muscular dystrophy mutations in human cardiomyocytes and mice. <i>Science Advances</i> , 2017, 3, e1602814.	10.3	189
14	Control of muscle formation by the fusogenic micropeptide myomixer. <i>Science</i> , 2017, 356, 323-327.	12.6	301
15	Requirement of the fusogenic micropeptide myomixer for muscle formation in zebrafish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11950-11955.	7.1	48
16	Single-cut genome editing restores dystrophin expression in a new mouse model of muscular dystrophy. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	188
17	Intracellular sources of ornithine for polyamine synthesis in endothelial cells. <i>Amino Acids</i> , 2016, 48, 2401-2410.	2.7	24
18	Severe muscle wasting and denervation in mice lacking the RNA-binding protein ZFP106. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4494-503.	7.1	34

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19	Postnatal genome editing partially restores dystrophin expression in a mouse model of muscular dystrophy. <i>Science</i> , 2016, 351, 400-403.	12.6	804
20	Intracellular complexes of the early-onset torsion dystonia-associated AAA+ ATPase TorsinA. <i>SpringerPlus</i> , 2014, 3, 743.	1.2	8
21	Biochemical characterization of the apicoplast-targeted AAA+ ATPase ClpB from <i>Plasmodium falciparum</i> . <i>Biochemical and Biophysical Research Communications</i> , 2013, 439, 191-195.	2.1	12
22	Alternative mRNA Splicing Generates Two Distinct ADAM12 Prodomain Variants. <i>PLoS ONE</i> , 2013, 8, e75730.	2.5	8
23	An essential role of metalloprotease-disintegrin ADAM12 in triple-negative breast cancer. <i>Breast Cancer Research and Treatment</i> , 2012, 135, 759-769.	2.5	33
24	Metalloprotease-Disintegrin ADAM12 Expression Is Regulated by Notch Signaling via MicroRNA-29. <i>Journal of Biological Chemistry</i> , 2011, 286, 21500-21510.	3.4	32
25	Altered ion transport by thyroid epithelia from <i>CFTR</i> pigs suggests mechanisms for hypothyroidism in cystic fibrosis. <i>Experimental Physiology</i> , 2010, 95, 1132-1144.	2.0	37
26	The Role of SnoN in Transforming Growth Factor β 1-induced Expression of Metalloprotease-Disintegrin ADAM12. <i>Journal of Biological Chemistry</i> , 2010, 285, 21969-21977.	3.4	30
27	The role of Delta-like 1 shedding in muscle cell self-renewal and differentiation. <i>Journal of Cell Science</i> , 2008, 121, 3815-3823.	2.0	52
28	Analysis of nitrite and nitrate in biological samples using high-performance liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 851, 71-82.	2.3	136
29	Activities of arginase I and II are limiting for endothelial cell proliferation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2002, 282, R64-R69.	1.8	94
30	Regulatory role of arginase I and II in nitric oxide, polyamine, and proline syntheses in endothelial cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 280, E75-E82.	3.5	302
31	Glutamine metabolism to glucosamine is necessary for glutamine inhibition of endothelial nitric oxide synthesis. <i>Biochemical Journal</i> , 2001, 353, 245.	3.7	71
32	Rapid determination of nitrite by reversed-phase high-performance liquid chromatography with fluorescence detection. <i>Biomedical Applications</i> , 2000, 746, 199-207.	1.7	137
33	Glutamine metabolism in endothelial cells: ornithine synthesis from glutamine via pyrroline-5-carboxylate synthase. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2000, 126, 115-123.	1.8	50
34	Glucosamine Inhibits Inducible Nitric Oxide Synthesis. <i>Biochemical and Biophysical Research Communications</i> , 2000, 279, 234-239.	2.1	78