

John R Mcanally

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

3,941
citations

471061

17
h-index

752256

20
g-index

20
all docs

20
docs citations

20
times ranked

5910
citing authors

#	ARTICLE	IF	CITATIONS
1	Postnatal genome editing partially restores dystrophin expression in a mouse model of muscular dystrophy. <i>Science</i> , 2016, 351, 400-403.	6.0	804
2	A peptide encoded by a transcript annotated as long noncoding RNA enhances SERCA activity in muscle. <i>Science</i> , 2016, 351, 271-275.	6.0	634
3	Prevention of muscular dystrophy in mice by CRISPR/Cas9-mediated editing of germline DNA. <i>Science</i> , 2014, 345, 1184-1188.	6.0	595
4	Transcription of the non-coding RNA upperhand controls Hand2 expression and heart development. <i>Nature</i> , 2016, 539, 433-436.	13.7	301
5	Control of muscle formation by the fusogenic micropeptide myomixer. <i>Science</i> , 2017, 356, 323-327.	6.0	301
6	CRISPR-Cas9 corrects Duchenne muscular dystrophy exon 44 deletion mutations in mice and human cells. <i>Science Advances</i> , 2019, 5, eaav4324.	4.7	190
7	CRISPR-Cpf1 correction of muscular dystrophy mutations in human cardiomyocytes and mice. <i>Science Advances</i> , 2017, 3, e1602814.	4.7	189
8	Single-cut genome editing restores dystrophin expression in a new mouse model of muscular dystrophy. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	188
9	A mouse model for adult cardiac-specific gene deletion with CRISPR/Cas9. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 338-343.	3.3	153
10	Induction of diverse cardiac cell types by reprogramming fibroblasts with cardiac transcription factors. <i>Development (Cambridge)</i> , 2014, 141, 4267-4278.	1.2	122
11	MOXI Is a Mitochondrial Micropeptide That Enhances Fatty Acid \hat{I}^2 -Oxidation. <i>Cell Reports</i> , 2018, 23, 3701-3709.	2.9	118
12	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.	3.3	90
13	Fusogenic micropeptide Myomixer is essential for satellite cell fusion and muscle regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3864-3869.	3.3	71
14	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.	3.7	51
15	CRISPR-Mediated Activation of Endogenous Gene Expression in the Postnatal Heart. <i>Circulation Research</i> , 2020, 126, 6-24.	2.0	37
16	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.	3.3	34
17	Matricellular Protein Cilp1 Promotes Myocardial Fibrosis in Response to Myocardial Infarction. <i>Circulation Research</i> , 2021, 129, 1021-1035.	2.0	23
18	The nuclear envelope protein Net39 is essential for muscle nuclear integrity and chromatin organization. <i>Nature Communications</i> , 2021, 12, 690.	5.8	17

#	ARTICLE	IF	CITATIONS
19	Regulation of cold-induced thermogenesis by the RNA binding protein FAM195A. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	13
20	A myocardin-adjacent lncRNA balances SRF-dependent gene transcription in the heart. Genes and Development, 2021, 35, 835-840.	2.7	10