

John R Mcanally

List of Publications by Citations

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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.

20
papers

2,787
citations

16
h-index

20
g-index

20
ext. papers

3,469
ext. citations

18.2
avg, IF

5
L-index

#	Paper	IF	Citations
20	Postnatal genome editing partially restores dystrophin expression in a mouse model of muscular dystrophy. <i>Science</i> , 2016 , 351, 400-3	33.3	657
19	Prevention of muscular dystrophy in mice by CRISPR/Cas9-mediated editing of germline DNA. <i>Science</i> , 2014 , 345, 1184-1188	33.3	493
18	A peptide encoded by a transcript annotated as long noncoding RNA enhances SERCA activity in muscle. <i>Science</i> , 2016 , 351, 271-5	33.3	439
17	Transcription of the non-coding RNA upperhand controls Hand2 expression and heart development. <i>Nature</i> , 2016 , 539, 433-436	50.4	209
16	Control of muscle formation by the fusogenic micropeptide myomixer. <i>Science</i> , 2017 , 356, 323-327	33.3	178
15	CRISPR-Cpf1 correction of muscular dystrophy mutations in human cardiomyocytes and mice. <i>Science Advances</i> , 2017 , 3, e1602814	14.3	142
14	Single-cut genome editing restores dystrophin expression in a new mouse model of muscular dystrophy. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	129
13	CRISPR-Cas9 corrects Duchenne muscular dystrophy exon 44 deletion mutations in mice and human cells. <i>Science Advances</i> , 2019 , 5, eaav4324	14.3	120
12	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, 338-43	11.5	115
11	Induction of diverse cardiac cell types by reprogramming fibroblasts with cardiac transcription factors. <i>Development (Cambridge)</i> , 2014 , 141, 4267-78	6.6	103
10	MOXI Is a Mitochondrial Micropeptide That Enhances Fatty Acid Oxidation. <i>Cell Reports</i> , 2018 , 23, 3701-3709	37.09	70
9	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	11.5	33
8	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	11.7	25
7	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	11.5	22
6	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	11.5	21
5	CRISPR-Mediated Activation of Endogenous Gene Expression in the Postnatal Heart. <i>Circulation Research</i> , 2020 , 126, 6-24	15.7	18
4	Matricellular Protein Cilp1 Promotes Myocardial Fibrosis in Response to Myocardial Infarction. <i>Circulation Research</i> , 2021 , 129, 1021-1035	15.7	4

3	A myocardin-adjacent lncRNA balances SRF-dependent gene transcription in the heart. <i>Genes and Development</i> , 2021 , 35, 835-840	12.6	4
2	The nuclear envelope protein Net39 is essential for muscle nuclear integrity and chromatin organization. <i>Nature Communications</i> , 2021 , 12, 690	17.4	4
1	Regulation of cold-induced thermogenesis by the RNA binding protein FAM195A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	1