

Muzamil Majid Khan

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

5,709
citations

623734

14
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

15289
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Autophagy Impairment in Muscle Induces Neuromuscular Junction Degeneration and Precocious Aging. <i>Cell Reports</i> , 2014, 8, 1509-1521.	6.4	309
3	Degeneration of Neuromuscular Junction in Age and Dystrophy. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 99.	3.4	147
4	Sympathetic innervation controls homeostasis of neuromuscular junctions in health and disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 746-750.	7.1	123
5	Role of autophagy, SQSTM1, SH3GLB1, and TRIM63 in the turnover of nicotinic acetylcholine receptors. <i>Autophagy</i> , 2014, 10, 123-136.	9.1	86
6	Regulation of nicotinic acetylcholine receptor turnover by MuRF1 connects muscle activity to endo/lysosomal and atrophy pathways. <i>Age</i> , 2013, 35, 1663-1674.	3.0	55
7	Postnatal Development and Distribution of Sympathetic Innervation in Mouse Skeletal Muscle. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1935.	4.1	40
8	Motor Endplate—Anatomical, Functional, and Molecular Concepts in the Historical Perspective. <i>Cells</i> , 2019, 8, 387.	4.1	27
9	Alterations of cAMP-dependent signaling in dystrophic skeletal muscle. <i>Frontiers in Physiology</i> , 2013, 4, 290.	2.8	26
10	Reduced muscle strength in ether lipid-deficient mice is accompanied by altered development and function of the neuromuscular junction. <i>Journal of Neurochemistry</i> , 2017, 143, 569-583.	3.9	25
11	Participation of Myosin Va and Pka Type I in the Regeneration of Neuromuscular Junctions. <i>PLoS ONE</i> , 2012, 7, e40860.	2.5	22
12	An integrated multiomic and quantitative label-free microscopy-based approach to study pro-fibrotic signalling in <i>ex vivo</i> human precision-cut lung slices. <i>European Respiratory Journal</i> , 2021, 58, 2000221.	6.7	21
13	GFPT1 deficiency in muscle leads to myasthenia and myopathy in mice. <i>Human Molecular Genetics</i> , 2018, 27, 3218-3232.	2.9	18
14	Molecular basis for the fold organization and sarcomeric targeting of the muscle atrogin MuRF1. <i>Open Biology</i> , 2014, 4, 130172.	3.6	17
15	Exploration of pathomechanisms triggered by a single-nucleotide polymorphism in titin's I-band: the cardiomyopathy-linked mutation T2580I. <i>Open Biology</i> , 2016, 6, 160114.	3.6	17
16	Turnover of acetylcholine receptors at the endplate revisited: novel insights into nerve-dependent behavior. <i>Journal of Muscle Research and Cell Motility</i> , 2015, 36, 517-524.	2.0	16
17	Progress of endocytic CHRN to autophagic degradation is regulated by RAB5-GTPase and T145 phosphorylation of SH3GLB1 at mouse neuromuscular junctions <i>in vivo</i> . <i>Autophagy</i> , 2016, 12, 2300-2310.	9.1	16
18	Calcitonin gene-related peptide inhibits autophagy and calpain systems and maintains the stability of neuromuscular junction in denervated muscles. <i>Molecular Metabolism</i> , 2019, 28, 91-106.	6.5	16

#	ARTICLE	IF	CITATIONS
19	The impact of autophagy on peripheral synapses in health and disease. <i>Frontiers in Bioscience - Landmark</i> , 2016, 21, 1474-1487.	3.0	7
20	Regulatory Function of Sympathetic Innervation on the Endo/Lysosomal Trafficking of Acetylcholine Receptor. <i>Frontiers in Physiology</i> , 2021, 12, 626707.	2.8	6
21	Regulation of the COPII secretory machinery via focal adhesions and extracellular matrix signaling. <i>Journal of Cell Biology</i> , 2022, 221, .	5.2	5
22	A compact unc45b promoter drives muscle-specific expression in zebrafish and mouse. <i>Genesis</i> , 2016, 54, 431-438.	1.6	4
23	Evidence for the subsynaptic zone as a preferential site for CHRN recycling at neuromuscular junctions. <i>Small GTPases</i> , 2019, 10, 395-402.	1.6	3